

To the Accreditation Council of the
Eurasian Center for Accreditation
and Quality Assurance
of Education and Health Care
03.02.2025

**REPORT
OF THE EXTERNAL EXPERT COMMISSION
ON THE RESULTS OF THE EVALUATION OF THE EDUCATIONAL
PROGRAMME 7R01136 "ENDOCRINOLOGY ADULT, PEDIATRIC"
OF LLP "KAZAKHSTAN MEDICAL UNIVERSITY "HSPH"" FOR
COMPLIANCE WITH THE ACCREDITATION STANDARDS OF
POSTGRADUATE EDUCATION PROGRAMS (RESIDENCE SPECIALTY) OF
MEDICAL EDUCATIONAL ORGANIZATIONS**

external expert evaluation period: January 21–24, 2025

Almaty, 2025

TABLES OF CONTENT

	List of designations and abbreviations	3
1	Composition of the external expert commission	4
2	General part of the final report	5
2.1	Presentation of the educational programme in the specialty -7R01136 "Endocrinology adult, pediatric"	5
2.2	Information about previous accreditation	7
2.3	Brief description of the results of the analysis of the self-assessment report of the educational programme 7R01136 "Endocrinology adult, pediatric" and conclusions on the completion	7
3	Description of the external expert evaluation and conclusion	8
4	Analysis of compliance with accreditation standards based on the results of external evaluation of the educational programme 7R01136 "Endocrinology adult, pediatric"	10
5	Recommendations for improving the educational programme 7R01136 "Endocrinology adult, pediatric"	44
6	Recommendation to the Accreditation Council for accreditation of the educational program 7R01136 "Endocrinology adult, pediatric"	44
	Annex 1. Quality profile and criteria for external evaluation and educational program of residency in the specialty of educational programme 7R01136 "Endocrinology adult, pediatric"	45
	Annex 2. List of documents reviewed as part of the external expert evaluation	46

LIST OF SYMBOLS AND ABBREVIATIONS

Abbreviation	Designation
AD	Administrative Department
AP	Academic policy
BCD	Basic compulsory disciplines
HEI	Higher education institution
WFME	World Federation for Medical Education
SCC	State Certification Commission
SCES	State Compulsory Education Standard
DPE	Department of Postgraduate Education
DSD&QMS	Department of Strategic Development and Quality Management System
DEF	Department of Economics and Finance
DSC	Department of Science and Consulting
ECAQA	Eurasian Center for Accreditation and Quality Assurance in Education and Health Care
CS	Clinical site
CME	Control and measuring equipment
CT	Complex testing
CED	Catalog of elective disciplines
CE	Complex examination
MH RK	Ministry of Healthcare of the Republic of Kazakhstan
MSHE RK	Ministry of Science and Higher Education of the Republic of Kazakhstan
SC	Scientific Council
STP	Scientific and technical program
RW	Research work
OHPE	Organization of higher and postgraduate education
PH	Public Healthcare
MC	Mandatory component
EP	Educational program
OSCE	Objective Structured Clinical Examination
TS	Teaching staff
RK	Republic of Kazakhstan
CYS	Council of Young Scientists
CYSC	Council of Young Scientists and Clinicians
LLP KMU «HSPH»	Limited Liability Partnership "Kazakhstan Medical University "HSPH"
SC	Standard Curricula
AC	Academic Council
EMC	Educational and Methodological Council
DR	Department of Residency
EDS	Electronic digital signature
CBL	Challenge Based Learning
GPA	Grade Point Average
PhD	Philosophy Doctor
TBL	Team Based Learning
PBL	Problem Based Learning

1. 1. Composition of the External Expert Commission

In accordance with the order of the ECAQA under No.01 dated 09.01.2025, an External Expert Commission (hereinafter referred to as the EEC) was formed to conduct an external evaluation of the educational programme of residency in the specialty 7R01136 "Endocrinology adult, pediatric" in the period from January 21 to 23, 2025, consisting of the following members:

No.	Status as part of the EEC	Full name	Academic degree/title, position, place of work/place of study, year, specialty
1	Chairperson	Kudabayeva Khatimya Ilyasovna	Associate Professor, Candidate of Medical Sciences, Professor of the Department of Internal Medicine No.1 of the NJSC "West Kazakhstan Medical University named after M. Ospanov"
2	International expert	Sheppley Yelena Vladimirovna	MBA, lecturer of the Department of Modern Management Technologies in Healthcare, Private Educational Institution of Additional Professional Education, "I.F.Inozemtsev Academy of Medical Education". Expert at the Federal State Budgetary Institution "National Institute of Quality" of the Federal Service for Supervision of Healthcare. Deputy Director General of the Self-Regulatory Organization "Association of Private Clinics of St. Petersburg"
3	Academic expert	Zhumalina Akmaral Kanashevna	Doctor of Medical Sciences, Professor, Head of the Department of Children's Diseases with Neonatology of the NJSC "West Kazakhstan State Medical University named after M. Ospanov"
4	Academic expert	Bozhbanbayeva Nishangul Seitbekovna	Doctor of Medical Sciences, Professor, Head of the Department of Neonatology of NJSC "Kazakh National Medical University named after S. Asfendiyarov"
5	Academic expert	Bagiyarova Fatima Arystanovna	Candidate of Medical Sciences, Professor of the Department of Communication Skills of the NJSC "Kazakh National Medical University named after S. Asfendiyarov"
6	Academic expert	Akhmetova Almira Kalikapasovna	Candidate of Medical Sciences, Associate Professor, Acting Professor of the Department of Infectious Diseases, Dermatovenereology and Immunology of the NJSC "Semey Medical University"
7	Academic expert	Karibayeva Dina Orynbasarovna	Candidate of Medical Sciences, Associate Professor of the Department of "General Medical Practice" of the Non-profit Educational Institution "Kazakh-Russian Medical University"
8	Academic expert	Zhakenova Saira Sakhipkeryevna	Candidate of Medical Sciences, Senior Lecturer of the Otolaryngology Course at the Non-profit Educational Institution "Kazakh-Russian

			Medical University"
9	Academic expert	Kabildina Nailya Amirbekovna	Candidate of Medical Sciences, Professor, Oncosurgeon, Head of the Department of Oncology and Radiation Diagnostics of the NJSC "Medical University of Karaganda"
10	Academic expert	Zhanaspayeva Galiya Amangaliyevna	Candidate of Medical Sciences, Head of the Rehabilitation Department of the Republican State Enterprise on the Right of Economic Management "National Scientific Center of Traumatology and Orthopedics named after Academician N.D. Batpenov" of the Ministry of Healthcare of the Republic of Kazakhstan, physician of physical medicine and rehabilitation of the highest category
11	Expert-employer	Kunayeva Gulbanu Dzhanabayevna	Deputy Director for Strategic Development of the Central City Clinical Hospital of Almaty
12	Expert-learner	Bekenova Asemkul Berikovna	Second year resident in the specialty "Radiology" of the Kazakh National University named after Al-Farabi

The EEC report includes a description of the results and the conclusion of the external evaluation of the educational program 7R01136 "Endocrinology adult, pediatric" for compliance with the Accreditation Standards for Postgraduate Education Programs (Residency Specialties) of Medical Education Organizations and conclusions (hereinafter referred to as the Accreditation Standards), recommendations of the EEC for further improvement of approaches and conditions for the implementation of the above-mentioned educational program and recommendations for accreditation for the ECAQA Accreditation Council.

2. General part of the final report

2.1 Presentation of the educational program of residency in the specialty 7R01136 "Endocrinology adult, pediatric"

Name of the organization, legal form of ownership, BIN	«ҚДСЖМ» Қазақстандық медицина университеті ЖШС ТОО Казахстанский медицинский университет «ВШОЗ» LLP Kazakhstan Medical University «HSPH» BIN 011 240 001 712
Governing body	Ministry of Healthcare of the Republic of Kazakhstan
Full name of the first manager	Auezova Ardaq Mukhanbetzhanovna
Date of establishment	21.07.1997.
Location and contact details	050060 The Republic of Kazakhstan, Almaty, Utegov St. 19a. Phone numbers: +7(727) 337 80 28 +7(727) 337 80 18 +7(727) 337 80 32 (Rector's Reception) Fax: +7 (727) 3378018 (Rector's Reception) E-mail: ksph@ksph.kz

	Official website: https://ksph.edu.kz/
State license for educational activities in residency (date, number)	License for educational activities No. KZ18LAA00006861 dated 21.04.2016 Annex to the license for educational activities - Postgraduate education (7R01136 - Healthcare), date of issue of the annex - 26.12.2023
Information on branches, subsidiaries (if any)	-
Year of commencement of implementation of the accredited educational program (EP)	2024
Duration of study	2 - 3 years
Total number of graduates since the beginning of the EP	-
Number of residents in the EP since the beginning of the current academic year	39, including 3 endocrinology residents
Quality indicators in residency	The number of residents in the programs “_39_” expelled over a period of 5 years is _0_, including for academic failure - _0_ people.
Full-time/part-time teachers involved in the implementation of the EP, incl. % of degree	Total number of teachers - 112, including full-time - 42, part-time - 70 teachers-mentors (clinical). Degree, % - 81% Categorization, % - 100
Website Instagram Facebook with active pages	https://ksph.edu.kz/ Instagram @kmu_ksph, Facebook https://www.facebook.com/KSPH.kz Telegram channel https://t.me/kmuksph .

LLP “Kazakhstan Medical University “HSPH” (hereinafter referred to as LLP KMU “HSPH”) was opened in 1997 as the Kazakhstan School of Public Healthcare (Resolution of the Government of the Republic of Kazakhstan No.1142 dated July 21, 1997, (<https://adilet.zan.kz/rus/docs/P970001142>) and reorganized in 2016.

LLP KMU "HSPH" is an independent university in the field of healthcare, providing postgraduate education and additional professional education in accordance with the State License without a term limitation for educational activities, issued by the Committee for Control in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan dated April 21, 2016.

LLP KMU "HSPH" has a license for the right to conduct educational activities under No.KZ18LAA00006861 dated 21.04.2016 (unlimited) and an annex to the license (link: [License for Educational Activities and Annex to the License \(Healthcare\) dated December 26, 2023](#)), as well as accreditation certificates: Institutional accreditation IA No.00035 dated 25.05.2021 - 24.05.2026 (link: [Institutional accreditation](#)), Specialized accreditation SA No.00058-63 dated 25.05.2021 - 24.05.2026 (link: [Specialized accreditation](#)). The quality management system of LLP KMU “HSPH”, which complies with the international standard ISO 9001:2015, was certified and confirmed by the international certification body – TQCSI (Kazakhstan) – certificate No.KZ282-QC dated January 13, 2017, recertification dated April 13, 2023.

According to the indicators of scientific and innovative activity for 2020 and the assessment of the dynamics of rating indicators over the past three years, conducted by the Republican Center for Healthcare Development, in the rating of non-clinical medical science organizations, LLP KMU "HSPH" took 1st place.

On December 15, 2020, LLP "Kazakhstan Medical University "HSPH" was accredited by the Ministry of Education and Science of the Republic of Kazakhstan as a subject of scientific and (or) scientific and technical activities (accreditation certificate: series MK No.006347) (link: [Accreditation certificate \(of scientific and \(or\) scientific and technical activities\)](#)).

The mission of the medical organization KMU "HSPH" is to improve public health through quality education, applied science and effective consulting.

The mission of the educational program in the specialty 7R01136 "Endocrinology adult, pediatric" is aimed at implementing the mission of LLP KMU "HSPH" by training a highly qualified, competitive endocrinologist (adult, pediatric) capable of quickly and correctly responding to healthcare challenges, able to apply advanced innovative technologies, navigate complex clinical situations, focused on improving public health through quality education, applied science and practice.

Training at the university is conducted in Kazakh, Russian and English. The university provides educational services in the specialties of Postgraduate Education: Master's degree in 8 programs; Doctoral studies in 2 programs, residency in 27 specialties.

The educational program (EP) in the specialty 7R01136 "Endocrinology adult, pediatric" was first developed at LLP KMU "HSPH" in 2024 in accordance with the Annex to the license No.KZ18LAA00006861 dated April 21, 2016. In the specialty 7R01136 "Endocrinology adult, pediatric", the University carried out the first set of business contract orders.

2.2 Information about previous accreditation

To date, accreditation of the educational program 7R01136 "Endocrinology adult, pediatric" has not been carried out.

2.3 Brief description of the results of the self-assessment report analysis of the educational program of residency in the specialty 7R01136 "Endocrinology adult, pediatric" and conclusions on the completion.

The report on the self-assessment of the educational program of residency in the specialty 7R01136 "Endocrinology adult, pediatric" (hereinafter referred to as the report) is presented on 152 pages of the main text, copies or electronic versions of 29 documents located at the link <https://drive.google.com/drive/folders/1P1kuKjUSMDrBjWguu8rNIIHsEZnXCbbs>.

The report is characterized by completeness (this wording is included in the report section as an example, since the educational organization can be admitted to the external evaluation stage only if the self-assessment report is complete in terms of content) of responses to all 9 main accreditation standards and criteria, structuring taking into account the recommendations of the Guidelines for conducting self-assessment of the educational program provided to the educational organization by the accreditation center - ECAQA, as well as internal unity of information. The report is attached by a cover letter signed by the rector Auezova A.M., which confirms the reliability of the quantitative information and data included in the self-assessment report.

The report contains a list of 27 members of the internal self-assessment commission indicating the responsibility of each employee, information about the representative of the organization responsible for conducting self-assessment of the educational program - Nurbekova Akmaral Asylovna, MD, Head of the Endocrinology Course of the Department of Internal Diseases, LLP KMU "HSPH".

Self-assessment of the educational program 7R01136 "Endocrinology adult, pediatric" was carried out based on the order of the rector of the university No.139 dated September 23, 2024 "On the creation of a working group to conduct a specialized self-assessment and write a report."

All standards provide the University's actual practice of training residents in the specialty 7R01136 "Endocrinology adult, pediatric" taking into account the start of student admission in 2024, substantiated data, examples of the implementation of the educational program objectives, national and international events, methodological support, confirming compliance with the requirements of accreditation standards. The description in the self-assessment report is quite complete and updated in terms of the number of residents, teachers, administration, information on selection and admission, training results, knowledge and skills assessment results, the material and technical resources of the university and clinical sites, contractual obligations with partners (universities, associations, bases), financial information, development and improvement plans, etc.

The report is submitted to the ECAQA in its completed form, with data adjustments based on the above recommendations, written in literate language, the wording for each standard is clear and understandable and described in accordance with the criteria of the standards, tables and figures contain references in the text and have continuous numbering.

3. Description of external expert evaluation

The external expert work within the framework of the evaluation of the educational program "Endocrinology adult, pediatric" was organized in accordance with the Guidelines for the external evaluation of educational organizations and educational programs of the ECAQA. Dates of the visit to the organization: November 28-30, 2022. The sequence of the visit over 3 days is presented in detail in *Annex 3* to this report.

To obtain objective information, the EEC members used the following methods and their results:

- conversation with management and administrative staff - 13 people;
- interviews with residents - 38 people, including foreigners (none);
- study of the website <https://ksph.edu.kz/>;
- interviewing of 25 employees, 29 teachers, 10 mentors;
- questionnaires of teachers and residents of different specialties - 37 and 37, respectively;
- observation of resident training: attending a practical lesson in the CBL format on the topic "Training at the Diabetes School "Foot Care"" based on the LLP "Institute of Endocrinology". Teacher - Ibrayeva Anar Khabidullayevna, first-year endocrinology residents;
- review of resources in the context of fulfilling accreditation standards: 2 practice/clinical training bases were visited, including: State Enterprise on the Right of Economic Management "Central City Clinical Hospital"; LLP "Institute of Endocrinology", where training is conducted under the educational program "Endocrinology adult, pediatric" with the participation of 2 full-time teachers/part-time workers and 1 part-time worker;
- study of educational and methodological documents in the amount of 29 units both before the visit to the organization and during the visit to the divisions (the list of documents studied is in *Annex 2*).

The staff of the accredited organization ensured the presence of all persons indicated in the visit program and in the lists of interview and discussions sites (Table 1).

Table 1 - Information on the number and category of participants in meetings, interviews and conversations with members of the EEC

No.	Job title	Quantity
1	Vice-Rector for Academic and Scientific Activities	1
2	Vice-Rector for Clinical Activities	1
3	Commercial Director	1
4	Department of Science and Consulting, Director	1
5	Scientific Council, Secretary	1

6	Department of Residency, Director	1
7	Department of Residency, Deputy Director	1
8	Educational and clinical center, specialist	1
9	Department of International Activities, Acting Director	1
10	Department of Methodology and Quality of Educational Programs, Director	1
11	Department of Strategic Development, QMS, Acting Director	1
12	HR Department, HR Specialist	1
13	Department of Digitalization and Technical Support, Director	1
14	Library, librarian	1
15	Department of Additional Professional Education, Director	1
16	Academic Council, Secretary	1
17	Department of Economics and Finance, Chief Accountant	1
18	Head of the Department of Internal Medicine	1
19	Associate Professor of the Department of Internal Medicine, responsible for the endocrinology course	1
20	Lecturer at the Department of Internal Medicine	2
21	Residents in specialty 7R01136 "Endocrinology adult, pediatric"	3
22	Deputy Chief Physician of the State-owned utility Enterprise on the Right of Economic Management "Central City Clinical Hospital"	1
23	Director of the medical center "Institute of Endocrinology"	1

On the last day of the visit to the organization, a meeting of the EEC members was held on the results of the external evaluation. A final discussion of the results of the external evaluation of the educational program, examination of documents, conversation, interview and questionnaires results was held. The EEC members began drafting the final report of the EEC. Generalizations of the external evaluation results were made. The experts individually filled out the "Quality and Criteria Profile for External Evaluation of the Educational Program 7R01136 "Endocrinology adult, pediatric" for Compliance with the ECAQA Accreditation Standards". The EEC members did not make any comments. Recommendations for improving the educational program were discussed and the Chairperson of the EEC held a final open vote on the recommendations for the ECAQA Accreditation Council.

Comfortable conditions were created for the work of the EEC; access to all necessary information and material resources was organized. The Commission notes the high level of the University's corporate culture, the high degree of openness of the team in providing information to the EEC members.

When conducting a survey of residents, 97.3% assessed the work of the External Expert Commission for Accreditation as positive, 2.7% - as satisfactory. The majority of respondents (86.49%) believe that it is necessary to conduct accreditation of an educational organization or educational programs.

According to 83.78% of teachers, the survey conducted by the ECAQA is useful for developing recommendations for improving key areas of activity of the accredited educational organization.

At the end of the visit program, the Chairperson of the EEC announced recommendations to the management and staff of the educational organization based on the results of the external evaluation as part of the specialized accreditation.

4. Analysis of compliance with accreditation standards based on the results of an external evaluation of the educational program of residency in the specialty 7R01136 "Endocrinology adult, pediatric".

The following provides evidence of implementation and compliance with standards and sub-standards, as well as deficiencies identified during external evaluation, a conclusion on compliance with accreditation standards and recommendations for improving the quality of the educational program.

Standard 1: MISSION AND FINAL OUTCOMES

1.1 Mission Statement

In the implementation of the program activities, namely, based on the results of conversations with the organization's management, members of the advisory and consultative body: vice-rectors for academic and scientific activities, for clinical activities, the Department of Science and Consulting, the Scientific Council, the Department of Residency, in interviews with residents and teachers, compliance with the criteria of *standard 1* was established. All participants in the educational process know the mission of the educational program, took part in the formation of proposals for formulating the mission, while the Mission was communicated to potential residents through the website, social networks and information letters to medical organizations. The Strategic Plan of the organization for the period 2020-2025 was reviewed (approved at the meeting of the Academic Council of the Kazakh Medical University "HSPH", protocol No.1 dated 27.02.2020), including such areas as continuous development, responsibility, professionalism, integrity, partnership for the benefit of society, analysis of the current situation and risk management, strategic directions, expected results of the implementation of strategic directions, which confirms the fulfillment of the accreditation standard and demonstrates the goals, objectives and prospects of the organization. From interviews with residents, it was established that before the start of classes, teachers inform about the mission, work plans of the educational organization, tell where to get the necessary information about the educational program, teachers, training bases.

During the visit to the divisions of the educational organization of the KMU "HSPH", the experts noted the strengths of the educational organization in relation to the accredited educational program, including "Endocrinology adult, pediatric": a clear management structure and strategic planning in postgraduate education in the clinical direction, high degree of teaching staff, an extensive clinical site, training in which demonstrates the integration of theoretical training with practical training and joint responsibility in the training of medical personnel; graduates of the KMU "HSPH" are heads of clinical sites; international cooperation is developed.

The educational organization has divisions that are directly related to the educational program "Endocrinology adult, pediatric", which can be noted as the best practice in education, namely, the Residency Department, the Educational and Clinical Center, the Department of Methodology and Quality of Educational Programs, the Department of Strategic Development and QMS. This conclusion was made, as these divisions carry out planning, organization, provision, coordination and control of educational activities at the University on an ongoing basis, including conducting surveys and questionnaires of residents, and collecting suggestions for improvement from the teaching staff, residents, employers. The endocrinology course has a high degree of teaching staff, full staffing, high activity in research work.

The results of the study of the documentation demonstrate that the mission of the organization and the mission of the educational program are aimed at the implementation of the fundamental core competencies of residents of the EP "Endocrinology adult, pediatric", which ensures the training of a professional endocrinologist with diverse competencies. The competencies of a graduate of the KMU "HSPH" residency are presented on the website and are available to all interested parties, and the educational process is built in accordance with the State Educational Standard and current regulatory legal acts (RLA) in postgraduate education and healthcare. (link: [EP in specialty 7R01136 "Endocrinology adult, pediatric"](#)).

The educational organization conducts training of residents - endocrinologists in the following clinical sites and divisions: Central City Hospital of the Healthcare Administration of Almaty, LLP

Institute of Endocrinology, Diabetes Center, LLP Institute of Reproductive Medicine. 2 CCCH HA of Almaty, where it provides a patient-oriented approach through the autonomy of decisions in favor of the patient, attention to the social aspects of public health, the quality of medical care provided to patients. The educational organization pays due attention to the safety and autonomy of patients, aimed at protecting against possible risks and errors that may arise in the process of treatment or provision of medical services, the implementation of standards and protocols, monitoring the quality of medical care.

Experts have established that residents have appropriate working conditions to support their own health, since the educational organization is provided in accordance with Article 48 of the Law on Education "Health Protection of Students" and Section 4 of the Labor Code of the Republic of Kazakhstan "Safety and Labor Protection". KMU "HSPH" undertakes to provide healthy and safe conditions for residents during training at clinical sites. At the clinical sites of the Department of Internal Medicine, where residents are trained in the specialty of "Endocrinology adult, pediatric", favorable working conditions have been created for high-quality training, taking into account the residents' own needs, including those related to health.

Such basic competencies of residents in the accredited specialty as skills in planning and conducting clinical, laboratory and instrumental examinations, interpreting clinical, laboratory and instrumental research data, formulating a diagnosis, safe and effective treatment based on the principles of evidence-based medicine taking into account potential risks and the patient's comorbid diseases; as well as special competencies, including mastery of methods of scientific analysis and synthesis, writing scientific articles, preparing presentations at clinical consultations, help the educational organization to apply innovative forms of training. This will allow residents to develop such skills and qualities as independent work with patients with endocrine diseases, carry out health education work among the population and prevent conditions that are the causes of the most common endocrine diseases in order to improve the health and quality of life of the nation. The University determines the main areas of implementation and application of innovative training technologies. EP 7R01136 "Endocrinology adult, pediatric" actively uses modern educational teaching methods (CBL, work in small groups, interdisciplinary teaching with discussion of clinical cases, Moodle platform) and assessments; and innovative teaching technologies are introduced.

The educational organization encourages residents to strive to participate in research in their chosen specialty through participation in the Council of Young Scientists, designed to promote the development of the potential of young scientists, the search for grant support, and also ensures the participation of endocrinology residents in such events as "World Diabetes Day", Open Days, and "World Thyroid Day".

Thus, during the visit to KMU "HSPH", compliance with the implementation of the basic criteria of the accreditation standard: the presence of a mission, strategic goals of the program, participation in the development of the mission of stakeholders (employees of clinical sites, teaching staff, residents), are informed about their final outcomes from the first day of classes, provided with resources and a practice-oriented educational program. The educational process in the specialty "Endocrinology adult, pediatric" is built in accordance with the State Educational Standard and current regulatory legal acts in postgraduate education and healthcare.

1.2 Professionalism and professional autonomy

Experts have determined that the formation of professionalism includes the development of clinical competence, leadership qualities, the ability to self-development, the ability to effectively carry out their professional activities in any conditions. The organization of education promotes the professional autonomy of residents by providing them with academic freedom: freedom is provided in drawing up an educational program, which is achieved through a university component and elective disciplines, which is reflected in the Rules for the development of the EP of LLP KMU "HSPH"; the choice of disciplines and the formation of an individual learning path are regulated by the Academic Policy of KMU "HSPH" (link: [Academic Policy of LLP KMU "HSPH"](#)).

The experts established that the educational organization fully exercises autonomy in relation to the selection of residents for the accredited specialty in accordance with the Academic Policy of the University, the development of the educational program "Endocrinology adult, pediatric", in determining approaches to the assessment of residents (Order "On the creation of project teams for the development of the EP" dated 08.02.2023). Changes concerning admission to residency are reflected in the Admission Rules and approved at a meeting of the Academic Council of LLP KMU "HSPH". Responsible employees demonstrated documents to the experts defining the requirements for teachers of the residency program: Personnel Policy of KMU HSPH); Regulation on the procedure for competitive replacement of teaching staff); Regulation on the procedure for formalizing labor relations).

To verify **standard 1**, a meeting was held with the management of the HSPH. In a conversation with the Vice-Rector for Academic and Scientific Activities - Doctor of Medical Sciences, Professor Kamaliyev Maksut Adilkhonovich, Vice-Rector for Clinical Activities - Doctor of Medical Sciences, Professor Dzhumabekov Auyes Khan Tulegenovich and Commercial Director – Kadirbekova Fatima Abzhaparovna, issues of internal quality assurance policy in higher and postgraduate education, planning, monitoring of implementation, provision of resources, evaluation of educational programs, work with departments; issues of clinical resources for training residents, scientific directions of the university, motivation systems and participation in research of teachers of residency departments were discussed.

During the conversation, the experts asked the following questions: "How is the motivation of the teaching staff carried out in the organization?". Commercial Director Kadirbekova F.A. gave an comprehensive answer that stimulation and motivation of teachers for further professional development, support of scientific research and educational innovations in LLP KMU "HSPH" is held by conducting a competition for the title of "Best Teacher of LLP KMU "HSPH". During the answers, Vice-Rector for Academic and Scientific Activities Professor Kamaliyev M.A. confirmed that the University plans to hold negotiations with partner universities on the possibility of cooperation in the scientific field. In cooperation with Chinese partners, KMU "HSPH" sent teachers to the summer school as part of academic mobility to the Hubei Medical University (China).

During the responses, confirmation was received that the necessary conditions for the implementation of EP 7R01136 "Endocrinology adult, pediatric" have been created at the KMU "HSPH". The Vice-Rector for Academic and Scientific Activities announced the strategy for the development of postgraduate education, including residency programs, which indicates a clear vision of the university and interest in improving residency programs taking into account the needs of practical healthcare. Vice-Rector Dzhumabekov A.T. confirmed that, based on the principle of the trinity of education, science and clinic, residents - endocrinologists, taking into account the patient-centered approach, are trained under the guidance of clinical mentors from leading clinics in Kazakhstan.

This conversation allowed us to determine and obtain evidence that the mission of the residency program and the mission of the university are fully consistent with each other.

The academic freedom of residents is manifested in the choice of disciplines and, if necessary, the formation of an individual learning path, which is regulated by the Academic Policy of LLP KMU "HSPH" and is ensured by the organization of education through such mechanisms as freedom to change and supplement the program, which also allows the university to make appropriate adjustments to the EP, which is achieved through the university component and elective disciplines and is described in the document "Rules for the development of educational programs of LLP KMU "HSPH" dated 06.02.2023).

When conducting a survey of 37 residents (on the resource <https://webanketa.com/>), out of 22 questions, a number were devoted to the quality of the educational process and the educational program. It was found that 97.3% of residents would recommend studying in this educational organization to their acquaintances, friends, relatives. 94.59% of respondents believe that the heads of

the educational program and teachers are aware of the problems of students related to training. To the question "Do you think this educational organization allows you to acquire the necessary knowledge and skills in your chosen specialty?", 100% of residents answered positively.

The 37 teachers surveyed (21 questions in the questionnaire) also answered that 94.59% are satisfied with the organization of work and the workplace in this educational organization, and 2.7% partially agree with this statement. The experts determined that the organization has a healthy microclimate, since the manager is quite accessible to both residents and employees, responds promptly to applications and suggestions. In the questionnaire, 89.19% of teachers are satisfied with the microclimate of the organization, and 8.11% are partially satisfied. According to 89.19%, a teacher has the opportunity to realize himself/herself as a professional in his/her specialty in the educational organization. For information, a total of 37 people responded (42 on staff in total), while 10.81% have up to 5 years of teaching experience, 13.51% have up to 10 years, and 75.68% have over 10 years of teaching experience.

1.3 Final learning outcomes

The University has defined a model of the educational program based on the established final learning outcomes of residents and the qualifications they receive, ensuring the consistency and transparency of training. The content of the residency program 7R01136 "Endocrinology adult, pediatric" complies with the requirements of the State Educational Standard of the Republic of Kazakhstan for 2020, 2022 and trains residents in accordance with the name of the program and specialty.

The final learning outcomes are defined and included in the document "Passport of the educational program", which was developed by QMS-EPR-7.5.1/03-2023 and approved on April 24, 2023. Informing stakeholders about the final learning outcomes of residents in the specialty 7R01136 "Endocrinology adult, pediatric" is carried out by posting on the website of LLP KMU "HSPH" and social networks (Facebook, Instagram, Telegram). The experts were convinced that the professional behavior and communication skills of residents are formed by training residents in practical classes. The teaching staff and mentors teach residents how to work and apply communication skills when interacting with patients, and are reflected in the relevant document - the Passport of the educational program. Teachers and residents are informed about the code of ethics. You can get acquainted with the content of the code of ethics on the university website <https://ksph.edu.kz>. and which is described in detail in the document "Academic Policy of LLP KMU "HSPH".

When determining the final learning outcomes, the employees of the Residency Department and the Department of Methodology and Quality of Educational Programs took into account the previous learning outcomes in the bachelor's and internship programs (Rules for Admission to Residency dated August 29, 2024), and also took into account the goals and objectives of subsequent continuous professional development in the chosen specialty. The educational organization provides training in additional and non-formal education (continuous professional development), including programs in the specialty of the accredited educational program. For example, advanced training programs have been developed and implemented for endocrinologists, therapists, and general practitioners on the topics: "Clinical Thyroidology" lasting 60 hours; "Modern Aspects of Type 2 Diabetes Treatment" - 60 hours; "Diabetes School" - 120 hours.

The surveyed teachers answered that 40.54% are fully satisfied with the level of previous training of residents, and 51.35% are partially satisfied.

The experts established a clear continuity between the final outcomes of previous training of residents (prerequisites) and training in residency, and subsequent programs of continuous professional development. The organization has developed 4 programs of additional education for the specialty "Endocrinology". Residents are informed about this.

83.78% of the respondent teachers believe that students of this educational organization have a high level of knowledge and practical skills after completing the training program, and 13.51% partially agree with this.

1.4 Participation in the formulation of the mission and final outcomes

The mission and final learning outcomes of the residency EP in the specialty 7R01136 "Endocrinology adult, pediatric" are formulated in accordance with the National Qualifications Framework, professional standards for the organization of endocrinological care to the population in the Republic of Kazakhstan. The goals and final learning outcomes of the EP implemented by the University are presented in the register of the Unified System of Higher Education Management of the Ministry of Education and Science of the Republic of Kazakhstan and are available to all interested parties.

Employers and residents took part in the development of the goals and objectives of the educational program "Endocrinology adult, pediatric", which is confirmed by the documents "Analysis of employer satisfaction with graduates of KMU "HSPH" for 2024 and "Analysis of satisfaction of residents of KMU "HSPH" with the quality of educational services at the end of 2024". The following proposals were made: heads of departments and specialists of the DM&D to monitor the satisfaction of stakeholders with the quality of educational programs; attract employers to teach specialized disciplines to students at LLP KMU "HSPH"; strengthen interdisciplinary interaction through trainings and other events aimed at developing teamwork skills; consider the possibility of increasing the number of practical classes, as well as including additional theoretical courses in the program.

When updated regulatory legal acts and orders in education and healthcare are released, the developers of the educational program take into account proposals from the Council of Employers, residents and make appropriate changes. KMU "HSPH" has developed a Policy for the Management of the EP and has mechanisms for continuous monitoring of the EP aimed at its improvement, which is reflected in the following documents: Regulation on monitoring and evaluation of educational programs of KMU "HSPH" dated 29.08.2024; Academic policy of KMU "HSPH" dated 29.08.2024; Regulation on the educational program: development and update dated 29.08.2024.

At the same time, when talking with residents and employers, experts did not receive a clear answer to the question "Do you participate in formulating the mission and goals of the organization, educational program?", residents - endocrinologists noted that they are informed about the content of this document. *To the question "What personal contribution do residents make to improving the educational program?"*, students answered that after completing each discipline, a survey is conducted on satisfaction with the educational process. For example, residents proposed to introduce topics on the methodology of scientific research into the topics of elective disciplines for the next academic year.

Conclusions of the EEC on criteria. Compliant out of 14 standards (including 9 basic, 5 improvement standards): fully - 14, partially - 0, do not comply - 0.

Standard 2: EDUCATIONAL PROGRAM

2.1 Framework parameters of the postgraduate medical education program

The model of the educational program in the specialty "Endocrinology adult, pediatric" is determined based on the final outcomes of resident training, therefore it includes the following: a mandatory component and an optional component. Duration of study is 2 years. Residents are trained in the educational program 7R01136 "Endocrinology adult, pediatric" in full-time. The duration of residency training in the specialty "Endocrinology adult, pediatric" is 2 years and includes 4200 academic hours, which is 140 credits (based on the calculation that 1 credit is equal to 30 academic hours). The implementation of the educational program of residency in the specialty 7R01136 "Endocrinology adult, pediatric" is planned using the following educational and clinical activities: According to the State Educational Standard of the Ministry of Healthcare of the Republic of Kazakhstan and the working curriculum, the independent work is carried out in two areas: IWRCM (with a clinical mentor) - 60%, IWR - 20% of hours, and 20% is allocated for work with a teacher. A working curriculum and an educational program are developed that provide for a modular study of disciplines in compliance with the logical sequence of studying disciplines and are approved by the

Chairperson of the Educational and Methodological Council and at a meeting of the Academic Council. The working curriculum contains a complete list of academic disciplines grouped into modules with disciplines, indicating the labor intensity of each academic discipline in credits and academic hours.

To implement the educational program in the specialty 7R01136 "Endocrinology adult, pediatric", the organization's documents contain teaching materials, which define the goal, take into account the integration of practical and theoretical components and independent work. Compliance with the State Educational Standards and standard requirements has been established, including the Order of the Ministry of Healthcare of the Republic of Kazakhstan dated July 4, 2022 under No.63 "On approval of state mandatory standards for levels of education in the field of healthcare", the Order of the Ministry of Healthcare of the Republic of Kazakhstan dated April 20, 2011 under No.152 "Rules for organizing the educational process using credit technology of education" <https://adilet.zan.kz/rus/docs/V2200028716>, Order of the Ministry of Healthcare of the Republic of Kazakhstan dated January 25, 2024 "On approval of professional standards in the field of healthcare" <https://adilet.zan.kz/rus/docs/G24RR000046>. The EP is implemented in accordance with the State Educational Standards of 2020, 2022.

While attending a 3-hour practical lesson on the topic of "Training at the Diabetes School "Foot Care", the experts received convincing evidence that the training is being conducted according to plan; before the lesson, residents answer tests, receive feedback from the teacher, and have the opportunity to improve their skills in the discipline "Endocrinology in hospital (adult)".

The organization ensures compliance with ethical aspects in the implementation of the educational program, since the experts have studied the code of ethics, which is spelled out in the documents: "Academic Policy of LLP KMU "HSPH" (29.08.2024); Regulation on Academic Integrity (29.08.2024) and during the interview, the residents responded that they were informed about the content of this document.

The University ensures compliance with ethical aspects in the implementation of the educational program, since the experts have studied the code of ethics, which is set out in detail in the Academic Policy of LLP KMU "HSPH" (29.08.2024) and during the interview, the residents responded that they were informed about the content of this document.

The analysis of educational activities showed that the scientific basis and all scientific achievements in the relevant disciplines are taken into account, additions have been made to the bibliography of the teaching materials and syllabuses, and teachers use them in the classroom. Residents - endocrinologists participate in the study "Study of compensation of diabetes in patients with diabetes in a metropolis using the example of Almaty", are engaged in collecting material, questioning patients with diabetes, which allows using a research-based learning method (RBL).

The mentoring system described in the Regulation on Clinical Mentoring (29.08.2024) has been evaluated. Due to the small number of students (3 residents), 1 mentor is involved, who is a highly qualified specialist in practical healthcare in endocrinology. Ibrayeva A.Kh., a doctor of the highest category, completed her residency in Moscow in the specialty "Clinical Endocrinology of Children and Adolescence", and is currently a medical advisor to the Public Foundation for Diabetes Education. According to the Regulation on Mentoring, the mentor's tasks are: mastering professional skills, knowledge of regulatory documentation on the training profile; developing in resident doctors a high sense of responsibility for the work performed, a desire for continuous improvement, the study of new modern methods of diagnosis, treatment and prevention of diseases; involving resident doctors in practical research work at a clinical site.

The procedure for informing residents about their rights and obligations is reflected in the document "Academic Policy" of the KMU "HSPH" (approved on August 29, 2024). Informing about the EP, the rights and obligations of residents, including the discipline policy, obligations on ethical

issues, is carried out by the head of the EP, the teacher, and is also available for independent study of residents in the syllabuses for modules/disciplines posted in the teaching materials.

The qualification obtained as a result of mastering the educational program in the specialty 7R01136 "Endocrinology adult, pediatric" corresponds to level 7 of the national qualification framework in medical education and the Framework for Qualifications in the European Higher Education Area (ESG1.2) and has the code 7R01136.

The educational program actively uses modern educational methods of teaching and assessment, and introduces innovative teaching technologies. The teachers use such methods of teaching residents as (CBL, work in small groups, RBL, interdisciplinary learning with discussion of clinical cases, Moodle platform. The list of teaching methods is described in the Regulation "Educational program: development and updating". Thanks to these methods, residents can take part in providing medical care to patients. Teachers can provide a resident with supervision of about 5 issue-related patients per day and at least 20 per month, 2 watches per month. For example, residents of the educational program in the specialty "Endocrinology adult, pediatric" upon completion of training can carry out such manipulations as: supervision of patients, determination of glucose by the express method, patient training in the "Diabetes School", thyroid palpation, conducting functional tests used to diagnose endocrine diseases, cardiopulmonary resuscitation techniques. This mechanism is implemented by the Department of Methodology and Quality of Educational Programs, which is headed by Sarsenova L.K. It is planned to train teachers and clinical mentors in modern teaching methods, and to assess the quality of the implementation of educational programs.

The experts have established that the principles of academic honesty and anti-plagiarism are fully implemented in the educational organization. This is reflected in the document "Academic Policy of LLP KMU "HSPH" (approved by the decision of the Academic Council on August 29, 2024, protocol No.1). Academic honesty is applicable at all stages of resident training, and includes honesty in training, in clinical practice, in scientific and research activities, as well as in relationships with colleagues and mentors, the development of academic honesty among residents, increasing the level of trust between doctors and patients, improving the quality of medical care and forming a culture and profession. The university has an anti-plagiarism system StrikePlagiarism.com (2023) StrikePlagiarism.pdf. Anti-plagiarism is applicable when residents are engaged in writing scientific papers, research reports, which is important for forming honesty and responsibility in residents. Residents are trained to promptly collect informed consent from patients for any diagnostic and therapeutic procedures. Experts noted that the medical records contain a corresponding document signed by the patient.

Thus, by the end of 2 years of training, residents will acquire the basic skills and abilities in the profession 7R01136 "Endocrinology adult, pediatric", provides residents with both academic knowledge and the necessary skills and abilities that can affect their personal development and can be used in their future career (ESG G 1.2), which will allow them to work in institutions such as hospitals, clinics (public, private), research centers, medical universities and organizations. *Endocrinology residents who complete training that meets the ESG1.2 standard can achieve growth in a variety of career areas.*

The experts did not find any violations regarding the principle of equality in postgraduate education and continuous professional development, since the educational organization complies with the Constitution of the Republic of Kazakhstan, the Law on the Languages of the Peoples of the Republic of Kazakhstan and other regulatory legal acts in the field of education and healthcare. For example, 169 people work in the educational organization, of which 96% are women and 4% are men.

The educational organization has a mechanism for regular adaptation of teaching and learning methods to the requirements of modern science and education, as well as to the current needs of practical healthcare. This mechanism includes the formulation of the Mission of the educational program, the Strategic Plan for the Development of the University, is reflected in the Academic Policy

of LLP KMU "HSPH" and is regulated by the Departments (Department of Methodology and Quality of Educational Programs, Department of Strategic Development and QMS, Department of Residency) involved in the educational process.

This indicates compliance with standard 2 in terms of adapting training to the needs of residents.

2.2 Scientific method

The educational program is planned to include scientific foundations and methodology of medical research, including clinical research and clinical epidemiology. Each resident will be engaged in scientific activity under the scientific supervision of a clinical mentor/assistant of the specialized department. However, at the moment, experts noted that in the process of training in residency in the specialty "Endocrinology adult, pediatric", the EP does not provide for training residents in the skills of critical evaluation of literature, articles and scientific data, knowledge of the basics of evidence-based medicine as part of the implementation of the IWR. *When talking with residents - endocrinologists, the experts learned that they have an idea of the basics of scientific research and evidence-based medicine, which were acquired at previous levels of training (internship). At the same time, they believe that this knowledge is not enough to fully engage in scientific activity in residency and prepare for admission to doctoral studies.* At the moment, endocrinology residents are helping the teaching staff in collecting material for the study "Study of diabetes compensation in patients with diabetes in a metropolis using Almaty as an example."

The University has its own scientific and practical journal "Medicine, Science and Education", a subscription to the Cochrane Library, access to the Web of Science and Scopus databases, and an agreement with the academic publishing house Wiley. The Council of Young Scientists is functioning, and the International Congress "Global Health 2024" was held, where residents also took an active part.

When questioning residents, it was found that the educational organization has access to the participation of students in research work and 9.19% of people are completely satisfied with this, 10.81% are partially satisfied, and 0% are not satisfied. Residents should engage in R&D and in response to the questionnaire, 67.57% wrote that they are already engaged in R&D, 13.51% are planning to start, 16.22% are looking for a topic for R&D, and 2.7% are not engaged.

2.3 Structure, content and duration of the residency program

The responsibility of the administration and teachers in managing the educational program is ensured by the document "Rules for the development of the EP of LLP KMU "HSPH", which sets out the procedure for developing, reviewing and approving the program sequentially according to the hierarchy: Residency Department, Department of Methodology and Quality of Educational Programs, Department of Strategic Development and QMS, EMC, AC, which is confirmed by the minutes of meetings.

The EP has undergone internal and external examination in accordance with the established procedure and is included in the national Register of educational programs. There are documents containing requirements for the structure and content of educational programs, based on the "Regulations on the educational program: development and updating" dated 29.08.2024; the "Rules for the development of the EP of LLP KMU "HSPH" dated 06/02.2023 were developed. Responsibility for the selection and implementation of innovations in the educational process lies with the Residency Department, the Department of Methodology and Quality of Educational Programs, which is controlled by the Department of Strategic Development and QMS.

The EP has undergone internal and external examination in accordance with the established procedure and is included in the national Register of educational programs. The content of the work programs and the catalog of elective disciplines reflect the needs of the healthcare system, including "Endocrinology adult, pediatric" focused on the expectations of the employer and the needs of the labor market. In this regard, KMU "HSPH" annually organizes meetings with employers, a round table is held at which issues of the quality of training of graduates in medical specialties are discussed (link: <https://ksph.edu.kz/kruglyj-stol-integracija-obrazovani/>). In the process of discussion, proposals are

formed for further improvement of the strategy and tactics of training in residency. These proposals will be further taken into account when revising the mission and developing the EP. For the successful implementation of the educational program in the specialty 7R01136 "Endocrinology adult, pediatric", the organization has resources to organize the assessment of the practical skills of residents (clinical bases, Educational and Clinical Center).

Experts have established that the educational program takes into account the requirements of the legislation, including the ratio of classroom and extracurricular hours, elective disciplines. The number of academic hours for two years of study is 4200, which corresponds to 140 credits, 4 of which are Elective Courses - elective disciplines. According to the State Educational Standard of the Ministry of Healthcare of the Republic of Kazakhstan and the Working curriculum, mastering the core disciplines of the mandatory component and the elective component, 20% is allocated to work with a teacher, independent work is carried out in two areas: IWRCM (with a clinical mentor) - 60%, and IWR - 20% of hours, that is, 80% IWRCM and IWR.

The theoretical component of the educational program is 828 hours, including 10 disciplines/topics. The practical component of the educational program includes patient supervision, participation in consultations, councils, general rounds, night watch, clinical reviews at the clinical sites of the departments, participation in outpatient appointments, maintaining medical records at the clinical sites of the departments, working in the functional diagnostics departments (ECG, CT, MRI, ultrasound), installing an insulin pump, continuous glucose monitoring system. Possible future roles of a residency graduate, namely, a medical expert, a manager are formed through such disciplines as "Inpatient Endocrinology (Adult)", Inpatient Endocrinology (Pediatric), Outpatient and Polyclinic Endocrinology (Adult), Outpatient and Polyclinic Endocrinology (Pediatric). Case studies on emergency conditions in endocrinology (comatose states) are provided.

Legal aspects of the physician's activities are discussed in classes of all disciplines, where the emphasis is on protecting the patient's rights, as well as compliance with the rules governing the professional activities of a physician. The scientific component in the training of residents is formed through participation in the department's research and development.

The residency EP "Endocrinology adult, pediatric" was developed by the head of the Department of "Internal Medicine" T.Zh. Sultanova and the associate professor of the department responsible for the EP 7R01136 "Endocrinology adult, pediatric" A.A. Nurbekova, agreed upon by the Chairman of the Educational and Methodological Council No.2 dated 20.04.2023 M.A. Kamaliyev and approved by the Rector of the KMU "HSPH" dated 28.04.2023.

The organization of education guarantees the adjustment of the structure, content and duration of the educational program in the event of any changes in various sciences, demographic, as well as in response to the needs of the healthcare system. On an ongoing basis there is an analysis and integration of proposals and wishes of all stakeholders in the educational process, the study of requests and expectations of all categories of university consumers, the interaction of structures, ensures internal and external independence in the development and implementation of the mission of the EP. For this purpose, there is a mechanism for revising and supplementing the lists of specialized, elective and practice-oriented disciplines and modules developed at the university, practices, which are reflected in the Regulation on monitoring and evaluation of the EP dated 21.04.2023 (Protocol No. 2), an algorithm for monitoring and evaluating the educational program is presented.

Teachers provide residents with methodological and didactic materials, additional literature to prepare for classes, in which 72.97% are completely satisfied, 21.62% are partially satisfied, 5.41% are not satisfied.

And to the question of the questionnaire "Is there enough time for practical training (patient supervision, etc.)", 97.3% of residents answered with complete agreement, 2.7% partially agree, 0% disagree. At the same time, 94.59% of residents claim that after the end of classes, the teacher provides feedback (listens to your opinion, conducts a mini-questionnaire, error analysis session).

At the same time, to the question "Do residents' representatives participate in the development of educational programs?", the experts received the following answer: yes, they participate in the formation of the catalog of elective disciplines.

The surveyed residents are completely satisfied with the schedule of classes (97.3%).

2.4 Organization of training and the relationship between postgraduate medical education and the provision of medical care

The management of the educational process reflected in the self-assessment report (standard 2) and general approaches to management were confirmed during a visit to the Department of Internal Diseases, the Department of Methodology and Quality of Educational Programs, the Department of Strategic Development and QMS and interviews with managers and employees. At the same time, the verification of *standard 2* showed that the experts got acquainted with the work of the divisions, including the inpatient and outpatient departments, with clinical laboratories, including the laboratory of the MC "Institute of Endocrinology", where simulation tests, fine-needle aspiration biopsy of the thyroid gland with cytological examination, elastosonography of the thyroid gland are carried out. A total of 8 meetings were held and a cross-interview established that all residents have access to all patients, divisions of the laboratory and diagnostic service, including high-tech research. The experts analyzed information on the accreditation of clinical sites and made sure that these clinical sites are accredited. During the visit to the clinical site "Children's City Clinical Hospital No.2", the experts got acquainted with the work of the divisions. The hospital currently has 240 beds, which includes departments of various profiles and provides inpatient and inpatient-replacement care, including 2 somatic departments, including beds for endocrine patients. The children's clinic at the Children's City Clinical Hospital also provides consultative care in pediatric endocrinology (pump therapy).

The training of residents in the specialty 7R01136 "Endocrinology adult, pediatric" is aimed at meeting the needs of practical healthcare. In the process of developing and updating the program, data on the needs of the labor market and forecasts of the personnel shortage in the healthcare system are used. The University interacts with employers, professional associations and government agencies to ensure that the competencies of graduates correspond to the real conditions and requirements of medical practice.

In order to implement the EP and train in residency, the KMU "HSPH" concludes an Agreement on joint activities with clinical sites in accordance with the Order of the Ministry of Healthcare of the Republic of Kazakhstan dated December 21, 2020 No.KR DSM-304/2020 "On approval of the provisions on the clinical site, clinic of the organization of education in the field of healthcare, university hospital, residency base, integrated academic medical center and the requirements imposed on them." In the process of developing and updating the program, data on the needs of the labor market and forecasts of the personnel shortage in the healthcare system are used. Therefore, the organization that trains adult and pediatric endocrinologists is specialized in the field of endocrinology provides a lot of opportunities and conditions for qualified training of specialists in the program 7R01136 "Endocrinology adult, pediatric".

Thus, during a conversation with the management of organizations, experts received information that residents have access to patients, laboratories, work in the library, a conference room, have classrooms equipped with modern equipment, and teachers confirmed that residents are trained directly in clinical departments. Endocrinology residents have the opportunity to supervise emergency patients in the intensive care unit (ketoacidotic, hyperosmolar, hypoglycemic coma), conduct a Diabetes School and simulation tests in outpatient settings. In addition, they consult patients with endocrine pathology in the therapeutic, surgical, and stroke departments.

This is facilitated by mentoring, which is carried out in the organization.

When visiting a practical lesson in the CBL format on the topic of "Training in the Diabetes School "Foot Care" within the framework of the discipline "Endocrinology in hospital (adult)", lasting 3 hours and talking with residents, experts saw that the organization promotes the development of

practical competencies of residents. At the same time, residents deepen their theoretical knowledge, develop communication skills.

Integration between training and provision of medical care (on-the-job training) is carried out through night watch in the endocrinology department, intensive care unit, emergency room of the Multidisciplinary Hospital of the Central City Clinical Hospital, Children's City Clinical Hospital No.2, outpatient management at the Medical Center Institute of Endocrinology, examination of planned inpatients at the clinic of LLP "Diabetes Center". Training is conducted in accordance with clinical protocols approved by the Ministry of Healthcare of the Republic of Kazakhstan.

Of the 37 residents surveyed, 97.3% responded that teachers use active and interactive teaching methods in classes quite often, 2.7% believe that they do so rarely or sometimes.

The following employees took part in planning, discussing, approving and reviewing the educational program for the specialty 7R01136 "Endocrinology adult, pediatric": teachers of the Department of Internal Medicine with a course in endocrinology, employees of the Department of Residency, reviewer, head of the department of KRMU, Doctor of Medical Sciences, Professor Bazarbekova R.M. and deputy director of the State-owned utility enterprise on the Right of Economic Management City Clinical Hospital No.5 Kasanova G.B.

Conclusions of the EEC on the criteria. Compliant out of 22 standards (including 19 basic, 3 improvement standards): fully - 21, partially - 1, do not comply - 0.

Recommendations for improvement:

1) To introduce scientific foundations and methodology of medical research into the educational program "Endocrinology adult, pediatric" (standard 2.2.1).

Standard 3: RESIDENT ASSESSMENT

3.1 Assessment Methods

The study of control and measuring equipment (50 tests, 25 tasks, mini clinical exams (MiniGEX)) showed that the organization has implemented an appropriate assessment policy that allows for a comprehensive assessment of the academic achievements of residents. The Department of Internal Medicine with the Endocrinology Course is developing control and measuring equipment (CME) for formative and summative assessment, including extended clinical tasks for a written exam, test tasks based on a clinical situation, 2 and 3 levels of difficulty with multiple-choice answers (MCQ), allowing for an assessment of the knowledge, skills and abilities of residents, and the level of clinical thinking. They also receive regular feedback from teachers.

CME were approved at a department meeting (extract from minutes No.2 of the Department of Internal Medicine dated 05.09.2022). All control and measuring equipment undergo internal examination at the department, are reviewed and approved annually at a department meeting. External experts - doctors of practical healthcare - are involved in reviewing control and measuring equipment.

The system of appealing the assessment results is reflected in the "Academic Policy of the KMU "HSPH". The appeal results are posted on the university website (<https://ksph.edu.kz>). A student who disagrees with the final assessment has the right to file an appeal no later than the next working day after the assessment for the exam is posted in the AIS "Platonus". There were no precedents of appeal during the implementation of the EP. The order on the creation of the appeal commission dated 20.05.2024 was issued when enrolling residents in 2024.

The university has created all the conditions for the maximum approximation of the system of assessment and control of residents' competencies to the conditions of their future professional activity and correspond to student-centered learning. At the meetings of the department and the Department of Residency, the forms of assessment are updated annually. The methods of assessment and control and measuring equipment for assessing the achievements of residents are annually reviewed and approved

at the meeting of the department, and undergo expert assessment by representatives of practical healthcare. For this purpose, the organization has developed the Guidelines for the examination of control and measuring equipment dated 05.09.2024. *At the same time, no examples of test validation were presented to the experts.*

To verify the data of *standard 3*, the experts asked questions to the head of the postgraduate education department, director of the Department of methodology and quality of educational programs Sarsenova L.K., and checked the documents and methods for assessing residents. The following questions were asked: what assessment methods are used to monitor residents' knowledge and how are they objectively assessed?

The following grade reports have been developed at the HSPH: a mini-clinical exam, assessment of the quality of medical record design (Chart Evaluation Tool), assessment of patient presentation skills (Patient Presentation Rating), direct observation of procedural skills (Direct Observation of Procedural Skills), and a grade report for the performance of practical skills (DOPS). In the interview, residents talked about the forms of assessment, for example, a mini-clinical exam (MiniGEX), which is conducted at the patient's bedside, and that they are satisfied with everything. They also receive regular feedback from teachers. The results of the resident assessment are documented as follows: assessments are entered into the "PLATONUS" program, which creates openness of the resident knowledge assessment system. The assessment procedure is complete, accessible and the calculation of the resident rating is facilitated.

The system of appeal of assessment results is reflected in the document "Academic Policy of LLP KMU "HSPH". The assessment covers not only knowledge and skills, but also professional behavior and communication skills, which is confirmed by the content of the grade report. There is a document on appeal of assessment results - "Regulations on appeal", which was approved in 2024. To date, there have been no applications for appeal from residents.

During a visit to the Department of Internal Medicine No.2, Sultanova T.Zh. was asked the question: "Are external examiners involved in order to increase the fairness, quality and transparency of the assessment process?" And the answer was received: heads of departments of clinics and experienced top-category doctors are involved from external examiners in assessing the knowledge of residents.

During the visit to the organization and the interview with the Director of the Department of Strategic Development and QMS Turykbayeva Zh.B., the commission was convinced that the organization has a documentation system that is transparent and accessible to all teachers and employees, and includes such documents as annual operational plans, annual reports, department regulations, agreements with teachers and residents, regulations on the organization of the educational process, academic policy, rules for the development of basic documents and educational and methodological documentation (work program, working curriculum, syllabuses, journals), assessment tools (checklists, statements), verifications, certificates and evidences. A review of the website showed that its pages contain the documents necessary for residents: the educational program of the discipline, the requirements for the applicant, and there is information on the form of entrance exams, which is regularly updated.

3.2 Relationship between assessment and learning

During the visit to the KMU "HSPH", members of the expert commission confirmed that the methods of assessing residents are comparable with the methods of training and teaching and cover the assessment of all competencies of students both during practical classes and during exams.

The assessment policy of EP **7R01136** "Endocrinology adult, pediatric" is described in detail in the syllabus of the discipline and the residents confirmed in the conversation that they are well acquainted with it. Using the example of the discipline "Endocrinology in hospital (adult)", it was revealed that the summative assessment for the discipline consists of two parts: formative (admission rating - 60%) and the final control assessment (40%).

In order to standardize approaches to assessing students, the Department of Internal Medicine has developed grade reports for monitoring various types of resident activities: extracurricular activities of a resident - "Maintaining medical records/medical history" in a therapeutic hospital, "Night/day watch" in a therapeutic hospital, "Grade report for the Clinical Exam", a checklist for assessing the written exam, "Grade report for the portfolio", which define the criteria for assessing a student for mastering the necessary learning outcomes. Grade reports are presented in syllabuses by disciplines/modules, which makes the assessment clear, transparent and objective. Differentiated assessment methods are used to assess various learning outcomes, so theoretical knowledge is mainly assessed by testing, and practical skills are assessed using grade reports for each section of practical work.

Residents - endocrinologists shared their opinions on the timeliness of providing tests, conducting consultations before exams, the clarity of the entire assessment procedure and its fairness. *Residents confirmed that they are satisfied with the methods of assessing knowledge and skills, the point-rating system for assessing knowledge.* The assessment of the educational achievements of residents - endocrinologists by the teacher is carried out according to the approved assessment criteria based on the general principles of academic integrity.

For example, ongoing assessment methods such as the Mini-Clinical Examination (mini-CEX) grade report promote interprofessional learning and demonstrate integrated learning and a focus on clinical skills. Established assessment methods ensure that the resident has mastered all areas of the curriculum and acquired the necessary practical skills.

Feedback from residents on their assessment is collected in the form of a questionnaire and analyzed by faculty members. Residents confirmed in interviews that they receive feedback after completing each course. The syllabus presents "Learner Assessment by Patients and Staff (360°)".

However, when analyzing EP 7R01136 "Endocrinology adult, pediatric," it was revealed that an additional set of methods and evaluation formats is not always present in accordance with their applicability, which includes the validity and reliability of control and measuring equipment.

During interviews with 32 teachers regarding assessment methods, experts received convincing information that assessment methods and control and measuring equipment for assessing residents' achievements are annually reviewed and approved at a department meeting, and undergo expert assessment by representatives of practical healthcare. Residents also shared their opinions on the timeliness of providing tests, conducting consultations before exams, the clarity of the entire assessment procedure and its fairness. For example, endocrinology residents said that before the start of the discipline, teachers inform them not only about the content and duration of training, but also introduce them to the methods of assessing theoretical and practical skills. They also noted that the results of exams in the discipline - the final assessment is immediately reflected in the "Platonus" system, this guarantees that they have mastered all sections of the educational program and acquired the necessary practical skills.

The 7 employer representatives interviewed also pointed out the compliance of residents' training with the modern development of medical practice and science, as there is high competition in the labor market and highly qualified specialists are required. The employers said that they themselves participate in the assessment of residents, as they are included in the examination committee.

The conclusions of the EEC on the criteria correspond to 9 standards (including 6 basic, 3 improvement standards): fully - 9, partially - 0, do not correspond - 0.

Recommendation for improvement:

Standard 4: RESIDENTS

4.1 Admissions Policy and Selection

The rules for the admission and selection of employees are regulated by the labor legislation of the Republic of Kazakhstan, the Charter of the KMU "HSPH", internal regulatory documents, as well as the University's Personnel Policy, which reflects the procedure and rules for the selection of potential employees in accordance with the requirements of the standard qualification characteristics of positions of medical education workers. The policy for the selection and admission of academic personnel at the university is carried out in accordance with the Labor Code of the Republic of Kazakhstan dated November 23, 2015 No.414-V.

The educational organization has a policy for the admission of residents, which is called "Rules for Admission to Residency" (dated 29.08.24). Vice-Rector for Academic Work Kamaliyev M.A. spoke about the policy for the admission of residents. Approaches to the admission of residents are based on the requirements of the country and internal regulations, which allows for the autonomy of the university in key areas such as the selection and admission of residents in accordance with the Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 under No.600 "Standard rules for admission to study in educational organizations implementing higher education programs." To the experts' question "Do interested parties participate in the procedure for admitting residents?", he answered "Yes, the Examination Committee includes employers" and familiarized them with Order 62-1e dated May 31, 2024 "On the establishment of the Examination Committee for the admission of students to master's, doctoral, residency and medical college programs."

The transparency of the selection procedure and equal access to residency training are ensured by several key measures: motivational interview with video/audio recording; objective assessment criteria; clear assessment procedure. Based on the results of the interview and survey, members of the examination committee fill out grade reports, which are signed by all examiners. Members of the committee are personally responsible for the validity of the grades given, which contributes to fairness and transparency. The schedule of entrance examinations is approved in advance. Thus, these measures ensure fairness and equal access to training, and also allow candidates to be confident in the transparency and objectivity of the selection process.

Transparency of the selection procedure and equal access to residency programs are achieved through openness and fairness, which is confirmed in the Regulation on the Admissions Committee of KMU "HSPH" (29.08.2024). Information about the start of the Admissions Committee is available to everyone on the website of LLP KMU "HSPH" (link: <https://ksph.edu.kz/admission/>), Facebook <https://www.facebook.com/KSPH.kz>, Instagram @kmu_ksph, Telegram channel <https://t.me/kmuksph>.

The document takes into account the requirements for residency applicants in terms of their previous achievements in undergraduate and internship studies (for example, GPI for this period of study).

In general, all criteria of standard 4 comply with the requirements of the admission and selection policy of students at the University.

To date, there have been no appeals from applicants.

Representatives of students were not included in the process of developing the policy for admission and selection of residents, since enrolment to the residency was carried out for the first time.

It is planned to review the policy for admission and selection, the number of residents annually, the Department of Strategic Development and the QMS and the Department of Residency are responsible for this.

Thus, the experts validated the data according to *standard 4*. In general, all criteria are met. The experts reviewed the documentation on the admission of residents, including entrance exam tickets, statements and personal files of applicants.

4.2 Number of residents

The experts of the EEC confirmed that the requirement established by the Order of the Ministry of Education and Science of the Republic of Kazakhstan dated October 31, 2018 under No.606 and paragraph 8 of Article 52 of the Law of the Republic of Kazakhstan dated July 27, 2007 "On Education" (with additions and amendments) is met in LLP KMU "HSPH". The number of residents in the specialty "Endocrinology adult, pediatric" per teacher is 1:2. Adjustments to the admission figures are made by the authorized body - the Ministry of Healthcare of the Republic of Kazakhstan. Enrolment of residents for all educational programs, including 3 residents for the program in the specialty 7R01136 "Endocrinology adult, pediatric" was carried out for the first time:

No.	Full name of the resident	Group name	Form of study
1.	Abdykarimov Maripzhan Alikovich	End24-001	on a contractual basis
2.	Ibragimova Mukhlisa Azzamkhanovna	End24-001	on a contractual basis
3.	Koishybayev Artur Koishybayuly	End24-001	on a contractual basis

Accordingly, the first graduation of residents in all specialties will be in the next academic year.

The number of accepted residents is constantly agreed upon with the relevant stakeholders, taking into account the need for medical personnel, in particular endocrinologists. The procedure for determining the number of residents accepted to the EP is regulated by the State Order of the Ministry of Healthcare of the Republic of Kazakhstan, taking into account the possibilities of clinical, practical training, the maximum permissible workload for teachers and mentors, the availability of educational, educational-methodical and scientific literature, the throughput capacity of clinical sites, as well as the material and technical resources of the university.

4.3 Support and counseling for residents

Support and consultation in the residency in the specialty "Endocrinology adult, pediatric" is carried out with the direct participation of teachers and clinical mentors.

To provide advisory support to students, there is a schedule of teaching staff consultations. If necessary, individual consultations with residents are additionally held.

The University provides support in the event of a professional crisis and involves endocrinology residents in solving their problem situations. In the event of various disagreements with colleagues, the situation is resolved by discussing the problems personally with the head of the EP, teacher, while maintaining confidentiality. When studying the documents and in a conversation with residents, the teaching staff, experts did not receive information about the provision of support in professional orientation and career planning in the future.

In a conversation with residents, it was noted that the administration's support is provided in the form of financial support. It consists of providing residents studying on a grant from the Local Executive Authorities with a monthly stipend, those in need are provided with a dormitory, a system of discounts is provided in accordance with contractual obligations (10% for residents with less than 5 years of experience as a doctor, 15% for residents with 5 years or more of experience as a doctor). Residents receive information about student support services from information via websites and the University's WhatsApp chats. The rector's blog and helpline are functioning.

In a conversation with residents - endocrinologists, it was revealed that the University and the administration of the clinics periodically conduct testing using the Maslach Professional Burnout Questionnaire, MBI/PV, which allows for a deeper understanding of the emotional state of the resident and the identification of possible signs of professional burnout, such as emotional exhaustion, depersonalization, or decreased satisfaction with professional activities. Psychological support for residents is provided through consultations with a full-time psychologist, which is conducted confidentially.

4.4 Representation of residents

The following consultative and advisory bodies operate in the educational organization: the Council of Young Scientists, the Council of Young Scientists and Clinicians, in whose work residents participate. However, residents in the specialty 7R01136 "Endocrinology adult, pediatric" are not included in the Council of Young Scientists of the KMU "HSPH". Therefore, it is necessary to expand the

representation of residents in the advisory bodies. In order to plan the career of residency graduates, it is necessary to assign a person responsible for career planning and employment of graduates.

4.5 Working conditions

In accordance with Article 48 of the Law on Education "Protection of the Health of Students" and Section 4 of the Labor Code of the Republic of Kazakhstan "Safety and Labor Protection", KMU "HSPH" undertakes to provide healthy and safe conditions for residents during training at clinical sites. The clinical sites of the Department of Internal Medicine, where residents are trained in the specialty 7R01136 "Endocrinology adult, pediatric", created favorable working conditions for high-quality training, taking into account the residents' own needs, including in relation to health.

In connection with the "Residency Regulation" of the KMU "HSPH" it is regulated to plan the resident's academic workload based on this time; night and day watch, as well as other types of work are included in the specified academic workload. Residents' watch on a clinical site is one of the types of independent work and is aimed at mastering the training tasks. Watch planning is reflected in the discipline syllabus.

The academic workload of residents is planned in accordance with the Law of the Republic of Kazakhstan "On Education". The class schedule from 8.00 a.m to 5.00 p.m. is regulated by the EP, developed based on the State Educational Standard 2022, sanitary and epidemiological rules and regulations, curricula and recommendations of healthcare and education authorities. Teachers can provide a resident - endocrinologist with supervision of approximately 5 issue-related patients per day and at least 20 per month, 2 watches per month.

Special educational programs of residency under special circumstances (for example: for persons with special educational needs, pregnancy, childbirth, childcare) have not been developed). At the moment, there have been no such cases. At the same time, the director of the Residency Department Abirova A.A. assured the experts that if there are such residents, the University will be able to offer a flexible organization of training, schedule, classes.

Conclusions of the EEC on criteria. Compliant out of 20 standards (including 14 basic, 6 improvement standards): fully -18, partially -2, do not comply – 0

Suggestions for improvement:

- 1) In the organizational structure of the university, to determine a division or person responsible for implementing activities on career planning, employment and monitoring of graduates of residency programs (standard 4.3.3).
- 2) To expand the representativeness of residents in advisory bodies (standard 4.4.1)

Standard 5: TEACHERS

5.1 Hiring and Selection Policy

The endocrinology course was created in LLP KMU "HSPH" in 2024. 3 teachers participate in the implementation of the educational program in the specialty 7R01136 "Endocrinology adult, pediatric", of which 1 has a Doctor of Medical Sciences degree, 1 has a PhD degree. In general, the degree level of the teaching staff conducting classes for residents in the specialty 7R01136 "Endocrinology adult, pediatric" is 66.6%. The percentage of teaching staff with the highest/first category in their major disciplines is 100%.

The rules for the admission and selection of employees are regulated by the labor legislation of the Republic of Kazakhstan, the Academic Policy of KMU "HSPH", internal regulatory documents, as well as the personnel policy of the university, which reflects the procedure and rules for the selection of potential employees in accordance with the requirements of the standard qualification characteristics of positions of medical education workers.

The policy of selection and hiring of academic staff at the university is carried out in accordance with the Labor Code of the Republic of Kazakhstan dated November 23, 2015, under No.414-V. Hiring teachers to perform the EP is carried out through a competition for vacant positions, the procedure for which is regulated by internal documents. The personnel policy of the Kazakh Medical University "HSPH" is based on the following regulatory and legal documents:

1. Personnel Policy of KMU HSPH (link: [Personnel Policy of KMU HSPH](#));
2. Regulation on the procedure for competitive replacement of positions of teaching staff and research staff of KMU "HSPH" (link: [Regulation on the procedure for competitive replacement of teaching staff](#));
3. Regulation on the procedure for formalizing labor relations of KMU "HSPH" (link: [Regulation on the procedure for formalizing labor relations](#));

In accordance with the Order of the Minister of Healthcare of the Republic of Kazakhstan dated December 21, 2020 under No.KR DSM-304/2020 "On approval of the provisions on the clinical site, clinic of the organization of education in the field of healthcare, university hospital, residency base, integrated academic medical center and the requirements imposed on them", mentors involved in the training of students at clinical sites must meet the following criteria <https://adilet.zan.kz/rus/docs/V2000021848> :

- 1) a qualified specialist with at least five years of experience in their primary field of activity;
- 2) trained as a mentor to implement the residency educational program.

Leading healthcare specialists have been invited to conduct classes in the residency program in the specialty 7R01136 "Endocrinology adult, pediatric": Nurbekova A.A., MD, Associate Professor, endocrinologist of the highest category; Alipova A.T., PhD, endocrinologist of the highest category; Ibrayeva A.Kh., endocrinologist of the highest category.

Among the part-time workers from practical healthcare, the doctors involved in training residents have the highest category and are leading specialists in the field of endocrinology. It should be noted that the course teachers speak foreign languages: Nurbekova A.A., professor of the department, speaks Spanish and English; Alipova A.T., associate professor of the department - Japanese, English; Ibrayeva A.Kh., teacher-mentor - English.

The basis of the personnel policy of LLP "Kazakhstan Medical University "HSPH" is the professional and social development of personnel capable of ensuring the solution of strategic and tactical tasks set before LLP KMU "HSPH" at a high professional level, a reasonable combination of rotation and personnel retention processes, maintaining the quantitative and qualitative composition of employees at an optimal level. When hiring for teaching positions, the compliance of candidates with qualification requirements is mandatory. The main objective of the University's personnel policy is the creation and development of its own scientific and innovative potential, and the selection of employees with already formed motivation that meets the requirements of the workplace is also practiced.

In order to stimulate employees to high-quality work results, the university has a system of incentives and rewards, which is tied to the achievements of employees of certain results of activity, taking into account the level of qualification, competence and effectiveness of teachers. In order to improve the professional and pedagogical culture of the teaching staff, stimulate and motivate teachers for further professional development, support scientific research and educational innovations, a competition for the title of "Best Teacher of LLP KMU "HSPH" is held at LLP KMU "HSPH". The competition for assigning the title of "Best Teacher of LLP KMU "HSPH" is held annually in the first half of the calendar year. Teachers with high achievements in teaching and research activities are allowed to participate in the competition. The rules for holding this competition are prescribed in the internal document "Rules for assigning the title of "Best Teacher of LLP KMU "HSPH" (link: [Rules for organizing and holding the competition for the title of "Best Teacher of LLP KMU "HSPH"](#)).

In order to verify the data of standard 5, external experts conducted a conversation with the head of EP 7R01136 "Endocrinology adult, pediatric" with the professor of the department Nurbekova
[ECAQA_ Eurasian Center for Accreditation and Quality Assurance of Education and Health Care](#)

A.A., clinical mentor Ibrayeva A.Kh., Amirkhanova D.T. The following questions were asked: "How is the selection of clinical mentors carried out?", "Is their activity monitored?", "For what period is the contract concluded with the mentor?" The experts were able to learn about approaches to attracting clinical site staff for teaching, about the strategy and tactics of enrolment residents, information support for the educational program, and also identify problems in the management and development of human resources.

When surveying teachers, it was found that the majority (94.59%) are completely satisfied with the organization of work and the workplace in this educational organization, but 2.7% are partially satisfied. In this educational organization, teachers have the opportunity to engage in scientific work and publish the results of R&D - 91.89% completely agree, 8.11% partially. They are satisfied with the salary - 67.57% completely agree, 18.92% partially.

5.2 Teacher Commitment and Development

In order to verify the data of standard 5, during a meeting with the head of the HR department and during interviews with teachers, experts obtained an opinion on approaches to developing the pedagogical competence of teachers, motivation to work with residents, and mentoring, which includes a teaching load for the teaching staff of clinical departments: head of the course, professor - 450 hours; senior teacher, teacher - 600 hours.

The work schedule of the residency teachers is agreed upon when drawing up the schedule of classes in the residency.

The University has developed the "Regulation on the pedagogical workload of the teaching staff of the KMU "HSPH", "Regulation on clinical mentoring", time standards for calculating the volume of the academic workload carried out by the teaching staff of the KMU "HSPH" for the 2024-2025 academic year, which regulate the work of the teaching staff and mentors.

Experts have determined that teachers and residents have enough time for teaching, mentoring and training. The work schedule of teachers is established in accordance with the personnel policy. Working hours: from 8.00 a.m. to 4.00 p.m. Teachers conduct weekly seminars lasting 6 hours. Time for clinical reviews, clinical rounds - daily. Watch - twice a month.

The experts determined that faculty and residents have enough time for teaching, mentoring and training. The staffing level of the staff conducting classes for residents in the specialty 7R01136 "Endocrinology adult, pediatric" allows for a rational ratio between the number of teachers and the number of residents, which guarantees their individual relationship and monitoring of the residents' achievements.

The salary fund for the "Residency" program for 2024 amounted to 80,321.8 thousand tenge, taxes and deductions - 8,974.9 thousand tenge. The University's current expenses are planned in accordance with the financial regulations for higher education approved by Order of the Ministry of Healthcare of the Republic of Kazakhstan under No.474 dated June 14, 2004 "On approval of the standards for calculating the cost of tuition for one student, graduate student, clinical resident (master's student) in higher medical educational institutions within the country under a state order." During the conversation with the teaching staff, the experts did not receive confirmation of the training of mentors.

Experts received answers about the program for advanced training of teachers,

The teaching staff conducts advanced training on the topics: Clinical thyroidology, 60 hours; Modern aspects of treating type 2 diabetes, 60 hours; Diabetes school, 120 hours.

In the specialty "Endocrinology adult, pediatric", teacher Alipova A.T. completed training from July 10 to August 8, 2024 (140 hours) at the Nagasaki University Hospital (Japan). An expert verified the received certificate "Radiation Medicine, and Immunofluorescence Technique, and Medicine, and Endocrinology and Metabolism, and Pediatrics at Nagasaki University Atomic Bomb Disease Institute and Nagasaki University Hospital". In a conversation with experts, Associate Professor of the Department Alipova A.T. noted that the costs, including tuition fees, were fully covered by the University. Also, Commercial Director Kadirbekova F.A. presented financial documents confirming

payment for the trip to Shiyao, China from 18.08.2024 to 24.08.2024 of administrative and managerial personnel, teaching staff.

Tools for motivating teachers to conduct research in the field of medical education have been introduced. Teachers of the NJSC "MUK" have publications on the role of mentoring in the preparation of residents, speeches on the assessment of the effectiveness of teaching and assessment methods, and methodological recommendations.

An indicator of the department's activities is the presence of publications by teachers. In order to stimulate the scientific activity of the teaching staff, incentive bonuses are established for the publication of scientific papers in journals with an impact factor of > 1 , in international peer-reviewed scientific journals (indexed in the Web of Knowledge, Scopus).

In order to improve the professional and pedagogical culture of the teaching staff, stimulate and motivate teachers for further professional development, support scientific research and educational innovations, a competition for the title of "Best Teacher of the KMU "HSPH" is held at LLP KMU "HSPH". The competition for the title of "Best Teacher of the KMU "HSPH" is held annually in the first half of the calendar year. Teachers with high achievements in teaching and research activities are allowed to participate in the competition. The rules for holding this competition are set out in the internal document "Rules for holding the awarding of the title "Best Teacher of KMU "HSPH" (Rules for organizing and holding the competition for the title "Best Teacher of KMU "HSPH").

Residents studying in the specialty 7R01136 "Endocrinology adult, pediatric" will be attracted to it by involving students in research projects. Training in scientific principles and methods used in the field of specialization, as well as evidence-based medicine, is provided by access of each resident to databases, library collections and electronic resources formed according to the full list of disciplines of the main educational program, the Internet (described in more detail in standard 6 "Educational Resources").

There is an opportunity for career growth and development of teacher competencies in the educational organization - 91.89% of the surveyed teachers answered, and 13.51% partially agree with this. Studied in programs for advanced professional training - 35.14% during the current year, 62.16% from 1 to 5 years ago, 2.7% over 5 years ago and 0% answered "I do not remember when it was".

The organization implements social support programs for teachers - 56.76% answered that "yes, such programs exist", 0% "I have already used this", 10.81% of respondents answered that there are no such programs, and 32.43% of respondents do not know about this.

Conclusions of the EEC on criteria. Compliant out of 8 standards (including 7 basic, 1 improvement standard): fully - 7, partially - 1, do not comply - 0.

Recommendations for improvement:

1) To provide ongoing training in the teaching competencies of clinical mentors (Standard 5.2.2).

Standard 6: EDUCATIONAL RESOURCES

6.1 Material and technical support and equipment

KMU "HSPH" has a full-fledged and quite powerful material and technical base, allowing to create favorable conditions for training residents in the specialty "Endocrinology adult, pediatric", conducting scientific research by the teaching staff of departments and residents, using modern information communication technologies.

During the observation, the experts noted the university's strengths: the presence of a unified system for updating the material and technical base and library collection; the participation of residents in teamwork of healthcare professionals of various profiles at clinical sites under the guidance of

teachers and clinical mentors. The experts noted that the university has the appropriate clinical sites in the region with a sufficient number of patients with endocrine pathology. There are a sufficient number of experienced clinical mentors. Constant access to modern information resources is provided.

The clinical sites of the departments for the implementation of the residency EP in the specialty 7R01136 "Endocrinology adult, pediatric" are the State-owned Utility Enterprise on the Right of Economic Management "Central City Clinical Hospital", "City Children's Clinical Hospital No.2 of the Administration of Public Healthcare of Almaty", LLP "Institute of Reproductive Medicine", LLP "Institute of Endocrinology", LLP "Institute of Reproductive Medicine".

The experts visited the library, which provides residents and staff with access to electronic resources and high-quality replenishment of the electronic library. The University has signed an agreement with Wiley Online, one of the largest international academic publishers that publishes full-text scientific resources in all areas of modern science and knowledge. In addition, an agreement was signed with the electronic libraries: "Student Consultant" (www.studentlibrary.ru) and "Doctor Consultant" (www.rosmedlib.ru), which allows residents to effectively study materials.

Experts have determined that there is access to international databases: Wiley Online Library <https://onlinelibrary.wiley.com/>, Cochrane library <https://www.cochranelibrary.com/>, the "Web of Science" Platform <http://apps.webofknowledge.com/>, "Scopus" www.scopus.com, "Science direct" www.sciencedirect.com, Springer Link (Springer) <https://link.springer.com/>. Residents are aware of this.

Before starting the relevant discipline of the educational program **7R01136** "Endocrinology adult, pediatric", the resident receives from the teacher a syllabus, which presents a list of current primary and secondary literature and a list of electronic resources necessary for studying this discipline.

Updating the material and technical base, including the library background, is carried out with a frequency of 5 years.

6.2 Clinical sites

The review of resources showed that they correspond to the goals and objectives of educational activities, the staff of the educational organization ensure collegial and ethical relationships with the medical staff, the management of the clinical site to achieve the final outcomes of residents. For residents in the specialty 7R01136 "Endocrinology adult, pediatric" there is a sufficient number of issue-related patients, modern equipment and demonstration of accessibility to students; teachers provide high-quality training in compliance with ethics and deontology.

Residents are trained at the Multidisciplinary Hospital of the Central City Clinical Hospital. Endocrinology residents examine and supervise emergency patients in the intensive care unit (ketoacidotic, hyperosmolar, hypoglycemic coma). In addition, they consult patients with endocrine pathology in the therapeutic, surgical, stroke departments. For residents, the base has a training room of 15 square meters, has a computer and visual aids for training.

Children's City Clinical Hospital No.2 is a multidisciplinary children's medical institution. The clinic currently has 240 beds, which includes divisions of various profiles, where inpatient and inpatient-replacement care is provided. There are divisions: cardiology; hematology; allergology; neurology of the elderly; neurology of the young; pulmonology and 2 somatics divisions, including beds for endocrine patients. The day hospital includes: a division of functional diagnostics, the structure of which includes: CT, MRI, ECG, EEG, neurosonography, echoencephalography, ultrasound, spirometry, endoscopy, dental, ophthalmology and ENT offices. Advisory assistance in pediatric endocrinology is organized in the children's clinic at the 2nd Children's City Clinical Hospital in the endocrinology office, where residents are trained in pump therapy skills.

The MC Institute of Endocrinology has a clinical laboratory that independently conducts more than 150 tests, as well as 50 studies at the expense of contract laboratories. Among these studies are the determination of many hormones, as well as AT to pancreatic antigens, including Zn 8.

At this base there is a training room of 30 square meters, with a changing room and a bathroom, air conditioning. The office is equipped with the Internet, a computer, a printer, a whiteboard and many visual aids for practical classes and training in the Diabetes School. Insulin pumps and glucose sensors for CSGM (continuous subcutaneous glucose monitoring) are installed in the MC. The MC hosts practical classes on the discipline "Endocrinology in hospital, adult", outpatient and polyclinic endocrinology for adults and children (there are pediatric endocrinologist's offices), as well as tertiary care - training in pump and CSGM settings, analysis of glycemia report data, treatment adjustments.

"The Diabetes Center" has 20 beds, hospitalization of patients with diabetes is at the expense of the state order. Residents supervise patients, maintain medical records, carry out scheduled watch in the hospital, and train patients in the Diabetes School. Residents have the opportunity to fill out medical records and diaries in the Damumed system (through doctor access). The clinical site provides an office for residents.

During a visit to two clinical sites, experts conducted a survey of resources, their compliance with training programs, accessibility for teachers and residents, how modern this equipment is and meets the needs of students and practical healthcare.

In order to validate the implementation of self-assessment report data and obtain evidence of the quality of the programs, interviews were conducted with residents. The experts asked questions about satisfaction with training, sufficiency of time for supervising patients, working with medical records, satisfaction with teaching methods and qualifications of teachers, social and moral support for residents in need of it, and the availability of resources of international databases of professional literature.

In response to the experts' question "Do endocrinology residents from other educational institutions interfere with the acquisition of practical skills in the clinic? Is there a sufficient number of specialized patients?", endocrinology residents noted that there are no difficulties in accessing patients with endocrine pathology. There is watch schedule, taking into account residents from other universities, and regular rotation between clinical sites is carried out.

In general, residents are satisfied with the training, assessment methods, and purposefully entered this organization, as they believe that the educational organization has good resources, image and international connections, at the same time, residents would like more independence in patient management, holding events such as "World Diabetes Day", Open Days, "World Thyroid Day".

During the academic year, endocrinology residents are scheduled to study at the Training and Consulting Center, where they practice and improve their practical skills. Providing emergency care to patients is also included in the training program. Experts studied the documents of residents (portfolio, resident assessment results-checklists, resident questionnaire results).

Residents demonstrated their commitment to the educational organization, were active in answering questions from external experts, demonstrated their opinions on the organization of training, assessment of their skills, advisory support, and the opportunity to participate in research. Experts studied the documents of residents (portfolio, results of resident assessment - checklists, results of resident questionnaire).

6.3 Information technology

KMU "HSPH" implements a policy on the effective use of information and communication technologies.

In the work of information and communication technologies, KMU "HSPH" is guided by the Law of the Republic of Kazakhstan "On Informatization" dated November 24, 2015 under No.418-V of the Law of the Republic of Kazakhstan.

For teachers and students, all conditions have been created for the use of information and communication technologies in LLP KMU "HSPH" and beyond.

KMU "HSPH" has a software and hardware base and computer equipment connected by a single corporate wired and wireless local area network, with Internet access. The connection of computers to the Internet is 100%. Internet connection speed: outgoing channel 200 Mbit/s, incoming channel 200

Mbit/s. The connection speed in the corporate network is 200 Mbit/s. Within the University, data exchange is carried out through the university server. There are 2 computer classes, including lecture halls with multimedia equipment. All clinical departments located in medical institutions of the city have access to Internet resources.

General information about the activities of KMU "HSPH" is posted on the official website of the University - <https://ksph.edu.kz/> presented in 3 languages: Kazakh, Russian and English. The website of KMU "HSPH" contains general information about the University and by types of activities. The University is provided with a Wi-Fi zone.

To implement the educational process and methodological work, resources for training and support of students have been created and attracted: the educational process management system AIS "Platonus", the educational portal "Moodle". The AIS "Platonus" contains syllabuses of disciplines for all educational programs, teachers give grades for formative and summative assessment.

KMU "HSPH" provides free access to national and foreign databases in the field of medicine for students and teachers: Wiley Online Library <https://onlinelibrary.wiley.com/>, Cochrane library <https://www.cochranelibrary.com/>, to the Platform "Web of Science" <http://apps.webofknowledge.com/>, "Scopus" www.scopus.com, "Sciencedirect" www.sciencedirect.com, Springer Link (Springer) <https://link.springer.com/>.

In accordance with the Order of the Minister of Healthcare of the Republic of Kazakhstan dated July 4, 2022 under No.KR DSM-63 "On approval of state mandatory standards for levels of education in the field of healthcare", the departments carrying out educational activities in the specialty 7R01136 "Endocrinology adult, pediatric" have developed syllabuses that are uploaded to the AIS "Platonus", where residents have access.

Residents - endocrinologists of the KMU "HSPH" are provided with full access to all library resources in both printed and electronic form. *In a conversation with endocrinology residents, it was revealed that residents are completely satisfied with library resources. At the same time, they specify that it is more convenient for them to use electronic versions of monographs and scientific articles. Teachers help them conduct scientific searches in international databases and process the studied literature, preparing literary reviews.*

For independent work, users are provided with electronic resources of the library, including purchased electronic and multimedia textbooks, training programs, as well as subscription databases.

The library collection contains the necessary educational, educational-methodical and scientific literature on specialties, in accordance with the established qualification requirements for licensing, accreditation and certification of educational activities.

6.4 Clinical Teams

Resident doctors of the specialty 7R01136 "Endocrinology adult, pediatric" work closely in a team with residents and doctors of the therapeutic, surgical, obstetric and gynecological profile, doctors of laboratory, radiation diagnostics and other specialties. Residents take an active part in holding interdisciplinary consultations with subsequent entry of the results of the interdisciplinary consultation into the "Damumed" database, participate in pathological conferences as attending physicians.

Training in an interdisciplinary/interprofessional team is based on the principles of membership, integration, the ability to work in a team, which helps each doctor - resident to think effectively in various difficult situations. Working in a team of various specialists allows them to learn not only the collegiality necessary in further work, but also significantly increases the knowledge of residents in related specialties; allows to assess the role of a leader in a team and teaches managerial skills that are necessary in the practical daily work of a doctor.

In the questionnaire, residents noted that they have free access to patients at clinical sites and all the conditions for improving their practical skills - 97.3% of teachers completely agree with this, 2.7% partially agree.

6.5 Medical research and achievements

The research work of residents of the specialty 7R01136 "Endocrinology adult, pediatric" is carried out in the form of studying, collecting data, forming electronic databases, conducting statistical analysis and presenting the results together with teachers of departments in the most relevant scientific areas of medicine, as well as in the idea of in-depth development of practical skills, analysis of the work of the structure of the specialized department. Also, resident doctors participate in scientific and practical conferences of various levels with speeches, reports, publications.

In the syllabuses of residency disciplines in the specialty 7R01136 "Endocrinology adult, pediatric", a research based learning method (RBL) is designated as independent work of residents - preparation of abstracts, presentations based on the analysis of international databases of scientific research; use of library resources, an Internet class for independent study of monographs, other literary sources, scientific publications on topical issues of internal diseases. Based on the results of the conducted scientific research, residents organize conferences on problematic topics in endocrinology.

An important area of encouraging scientific research is also the participation of residents in clinical conferences of various levels and webinars, which contributes to the acquisition of additional clinical and scientific knowledge and skills. KMU "HSPH" annually holds the International Scientific and Practical Conference of Young Scientists, where the acquired knowledge and skills can be used to prepare reports and publications.

An interview with 3 teachers, including 2 full-time, showed that residents are participating in the study "Study of compensation of diabetes in patients with diabetes in a metropolis using the example of Almaty." The collection of primary material continues and preparations for publication of the article are underway.

6.6 Expertise in the field of education

One of the priority areas of the Development Program of KMU "HSPH" is conducting research in the field of medical education. Stimulating the activities of teachers is one of the mechanisms for promoting the desire and interests of employees in conducting research in medical education.

The university has developed mechanisms for motivating and developing the interest of employees and teachers in conducting research in the field of postgraduate education.

At the moment, there are no active Projects on medical education.

The employees of the Department of Methodology and Quality of Educational Programs conduct annual monitoring of the quality of educational programs.

Sociological surveys, including issues of education quality, could become one of the mechanisms for education expertise. Residents - endocrinologists and teaching staff take the "Maslach Professional Burnout Questionnaire, MBI/PV, which allows to better understand your emotional state and identify possible signs of professional burnout, such as emotional exhaustion, depersonalization or decreased satisfaction with professional activities. Periodic assessment of the activities of the management of KMU "HSPH" is carried out by: analyzing and forming reports and plans; conducting an internal audit and self-assessment; conducting an analysis of the implementation of the university's strategic goals; conducting an analysis of the university's risks; the work of internal and external commissions.

Heads of administrative divisions report at meetings of the staff meeting and at the Academic Council. Vice-rectors' reports are heard at meetings of the Academic Council. The Rector of KMU "HSPH" reports at an extended meeting of the University Academic Council.

The examination is carried out in the form of an analysis of the needs for specialists, an analysis of resident training methods, and the results allow us to draw conclusions about the quality of innovative changes in postgraduate education. Educational program 7R01136 "Endocrinology adult, pediatric" will be regularly studied and evaluated by receiving feedback from residents, teaching staff and employers, as well as by analyzing the academic achievements of residents. For example, in each discipline, endocrinology residents undergo a survey on satisfaction with the educational process.

The mechanisms for motivating and developing the interest of employees and teachers in conducting research in the field of postgraduate education are: "Regulations on the organization of the system of remuneration and incentives for labor of KMU "HSPH"; Academic policy of KMU "HSPH".

6.7 Training in other institutions

The Academic Policy of the KMU "HSPH" (section 8) describes approaches to the implementation of academic mobility of students and teachers. Clause 8.1 - Students, teaching staff and employees of the KMU "HSPH" have the right to participate in academic mobility programs in accordance with the current legislation and regulatory legal acts of the Republic of Kazakhstan. During a conversation with the staff of the Department of International Activities, it was noted that academic mobility of residents is planned with the Strategic Partner - Shenzhen University, PRC. At the moment, a Memorandum of Mutually Beneficial Cooperation has been signed with it.

The development plan for the educational program in the specialty "Endocrinology adult, pediatric" provides for incoming and outgoing academic mobility of residents to partner universities, and an invitation of visiting professors. The "Regulation on the academic mobility of students of the KMU "HSPH"" was developed at the University (29.08.2024).

To ensure the academic mobility of students and the recognition of educational programs (all levels and forms of higher and postgraduate education) in the European educational space, it is necessary to convert Kazakhstani credits into ECTS credits. According to the European Credit Transfer and Accumulation System (ECTS), the academic disciplines mastered by students (with credits and grades) are compared and transferred when changing the educational trajectory, educational institution and country of study. An academic credit within the ECTS measures the workload of studying a discipline, both in the classroom and during independent work. The transfer of credits for disciplines completed at a foreign university is carried out based on a transcript, according to the Bologna system in Kazakhstani and European universities, 1 credit is equal to 30 hours. The workload of one Kazakhstani academic credit (30 academic hours) corresponds to 1 ECTS credit (25-30 academic hours) in accordance with the order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 under No.152. "On approval of the Rules for organizing the educational process using credit technology of education".

The academic policy for training residents includes the possibility of training in alternative organizations if the existing clinical sites do not cover all the topics of the educational program. At the same time, training of residents in the specialty 7R01136 "Endocrinology adult, pediatric" is carried out at the Multidisciplinary Hospital of the Central City Clinical Hospital. Such disciplines of the educational program as pediatric endocrinology of inpatient and outpatient, residents study at the Children's City Clinical Hospital No.2. Preparation of scientific publications is carried out under the guidance of a teacher and does not require additional bases for training. However, residents can in the future participate in academic mobility within the country and abroad.

In a conversation with representatives of the Department of International Activities, it was noted that at the moment negotiations are underway with universities in Russia and Uzbekistan with the aim of introducing joint EPs in the specialties "Public Healthcare" and "Medicine", with the subsequent possibility of opening representative offices or branches of the KMU "HSPH" on the base of partner universities. There is also a joint double-degree program "Healthcare Administration", "Healthcare Management" with the Higher School of Economics and Innovation (Lublin, Poland).

In a conversation with teachers involved in the training of endocrinology residents, it was noted that the head of the endocrinology course in 2024 completed a one-year internship under the "Bolashak" program in the USA, California, University of California Irvine UCI, Children Hospital of Orange County (CHOC).

Conclusions of the EEC on criteria. Compliance with 18 standards (including 11 basic, 7 improvement standards): fully - 18, partially - 0, do not comply - 0

Standard 7: EVALUATION OF THE EDUCATIONAL PROGRAM

7.1 Monitoring and evaluation mechanisms

Evaluation and monitoring of the educational program in the specialty 7R01136 "Endocrinology adult, pediatric" at LLP KMU "HSPH" is ensured by the participation of representatives of the main stakeholders: teaching staff, students, administrative and management staff.

Monitoring of the educational program includes midpoint and final independent certification, which will be carried out in the form of a comprehensive exam with the involvement of external examiners, which ensures the transparency of the process and results. An annual analysis of the educational program will allow the educational organization to make adjustments and improve the content. Initially, the educational program was reviewed by the Deputy Director of the Municipal state enterprise on the right of economic management "City Clinical Hospital No.5" Kasanova G.B. and the review noted that the EP "Endocrinology adult, pediatric" can be recommended for approval. Subsequently, the residency program was approved at a meeting of the Educational and Methodological Council (minutes No.4 dated 23.08.2024), then at a meeting of the Academic Council (minutes No.9 dated 27.04.2024). Regular assessment of the quality of the educational program is carried out by the Residency Department, the Department of Methodology and Quality of Educational Programs, as well as the Department of Strategic Development and QMS.

When assessing the program, the goals and objectives of training, the final learning outcomes (through assessment of residents, independent examination) are taken into account. The process of implementing the educational program is assessed through feedback from residents and teachers and the achievements of graduates.

Educational programs undergo an annual monitoring procedure for the quality of implementation at a meeting of the department with the participation of students and employers. The teaching staff of the department, in order to harmonize the content of educational programs with similar educational programs of leading foreign and Kazakhstani universities, identify and analyze educational programs of other universities. Based on the results of such activities, the university concludes cooperation agreements with universities in neighboring and distant countries.

In the process of assessing the quality of educational programs of residency, it was found that along with the achievements: high quality of teaching and mentoring, good material and technical resources, clinical practice base, there are a number of problems, such as: to strengthen feedback with students in order to promptly make changes to the educational process in accordance with their needs and expectations; to improve the system of planning and informing residents about the schedule of lectures, classes and practices; to develop internship programs in specialized hospitals and foreign practices to increase the competitiveness of residents.

7.2 Feedback from teachers and residents

The employees of the Department of Strategic Development and the QMS told the experts about internal quality assessment procedures (internal audit), external quality assessment procedures (accreditation in accordance with the Regulation on monitoring and evaluation of educational programs of the KMU "HSPH", Documented procedure "Audits"; Documented procedure "Analysis by management", as well as about various external inspections/audits by authorized bodies (Ministries). As a rule, based on the audit results, a plan of corrective measures is developed, post-monitoring control is carried out. Monitoring the quality of the educational process is carried out by the Residency Department and the Department of Methodology and Quality of Educational Programs.

The document "Analysis of employer satisfaction with graduates of the KMU "HSPH" for 2024" dated 30.12.2024 was studied. A questionnaire was developed to survey teachers, including at meetings of the Employers' Council (minutes No.32 dated 11.07.2023) the following issues were discussed: What competencies of specialists are most in demand for modern healthcare? What educational programs of master's, doctoral and residency are necessary for practical healthcare at present, based on the needs of the healthcare system for specialists of the new formation? What

approaches are needed to strengthen the interaction of practical healthcare and the medical education system? What problems exist in the system of ensuring the quality of medical care?

EP 7R01136 "Endocrinology adult, pediatric" is regularly assessed by receiving feedback from residents, teachers and employers, as well as analyzing the educational achievements of residents. After this, corrective action plans are drawn up to make improvements to the EP.

According to the survey of residents in December 2024, the strengths of the educational process were identified, 56% of respondents answered that they were completely satisfied with the material, technical and clinical bases. 12% noted the need to strengthen them. The majority of respondents rated the residency program with the highest score (75.4% (5 points) and 16.9% (4 points). Satisfactory grades (3 points) were given by 5.6% of survey participants. The questionnaire included 8 questions and was devoted to the following topics: how do residents satisfy with the quality of theoretical and practical training, how a resident evaluates the quality of teaching and mentoring, whether the resident is satisfied with the conditions of the educational process, practice bases and others.

In the specialty 7R01136 "Endocrinology adult, pediatric", the final state certification is planned to be carried out in 2 stages: determining the level of theoretical training in the disciplines in the form of testing; certification of practical skills.

Since there is no enrolment for the specialty 7R01136 "Endocrinology adult, pediatric" yet, it is not possible to evaluate the results of residents.

7.3 Resident and Graduate Results

An important role in assessing the educational program is played by the results of the final certification of residents, conducted at the testing stage by the National Center for Independent Examination, as well as the results of certification exams conducted by the Committee for Control of Medical and Pharmaceutical Activities of the Ministry of Healthcare and Social Development of the Republic of Kazakhstan.

For the first year of study in the specialty "Endocrinology adult, pediatric", academic performance was 75.97 points (3 students), which demonstrates effectiveness, but there is room for improvement in order to achieve a higher indicator.

Monitoring of academic performance and attendance is carried out by the teacher according to the class schedule, with recording of data in an electronic journal; in the absence of students in classes, the residency department is informed by submitting an attendance report. Monitoring by the residency department is carried out based on the results of formative assessment within the framework of the topics of the discipline (described in detail in the syllabus) and subsequently midpoint and final certification.

Since the entire process of training and monitoring residents is concentrated in the residency department, the result of the assessment of the clinical practice of residents is carried out based on the results of formative control within the framework of the topics of the discipline (described in detail in the syllabus) and in the future it is planned to observe the results of the midpoint and final certification.

7.4 Stakeholder Involvement

KMU "HSPH" makes the evaluation and monitoring of the educational program in accordance with the regulation on the Academic Policy (approved by the Rector of KMU "HSPH" on August 29, 2024). The educational organization has approaches to involving teachers and residents in the evaluation of the educational program and monitoring its implementation. Thus, residents are included in the advisory body "Council of Young Scientists", "Council of Young Scientists and Clinicians" and participate in the discussion of all issues of the educational process. The results of the evaluation of the educational program are announced at the meeting.

Interviews with 7 employers were conducted online and included questions such as: knowledge of the university's mission, participation in the development of the mission and proposals for the strategic plan, participation in the work of advisory bodies, satisfaction with the basic knowledge and skills of residents, participation in the training of residents through mentoring, providing the

department and residents with the necessary resources for practical training and the formation of clinical thinking, problems of interaction with departments and universities in general.

7.5 Procedure for approval of educational programs

EP 7R01136 "Endocrinology adult, pediatric" was developed in accordance with the license for the right to conduct educational activities within the framework of groups of educational programs according to the classifier of training areas. The educational organization has established a system for documenting the educational process, including approval of the educational program, the following documents have been developed: Rules for the development of educational programs of the KMU "HSPH", Regulations on monitoring and evaluation of educational programs of the KMU "HSPH"; "Regulations on the educational program: development and updating". Based on these documents, a procedure for approving the EP, requirements for the development and design of the EP, and the development of the elements structure of the EP with which the experts have become familiar were developed.

Educational program 7R01136 "Endocrinology adult, pediatric" is approved in stages: the EP draft is discussed at a meeting of the department, submitted for examination to the Department of Methodology and Quality of Educational Programs and for approval by the employers' council. The agreed Draft of EP with a positive examination result is submitted to the DMQEP for discussion at the EMC. The Chairperson of the EMC submits it for approval to the Academic Council. The EP is included in the list of implemented educational programs of KMU HSPH.

Interested parties participating in the approval of the educational program are the teaching staff, employers, residents.

LLP KMU "HSPH" annually carries out an analysis of the functioning of the management system in order to assess the degree of functioning of the quality management system taking into account the policy and goals in the field of quality (DP "Analysis by the management").

Positive reviews were received for the residency program "Endocrinology adult, pediatric" from the head of the department of KRMU, Doctor of Medical Sciences, Professor Bazarbekova R.M. and Deputy Director of the Municipal State Enterprise on the Right of Economic Management "City Clinical Hospital No.5" Kasenova G.B.

Conclusions of the EEC by criteria. Comply out of 10 standards (including 7 basic, 3 improvement standards): fully - 10, partially - 0, do not comply - 0.

Standard 8: MANAGEMENT AND ADMINISTRATION

8.1 Management

The educational process is built in accordance with the State Educational Standard and current regulatory legal acts (RLA) in postgraduate education and healthcare. The University determines the main areas of implementation and application of innovative teaching technologies. Transparency of the selection procedure and equal access to residency training are ensured by several key measures. Based on the Academic Policy of the KMU "HSPH", the "Rules for Admission to Residency" and "Residency Regulations" have been developed. Admission to residency is carried out on a competitive basis of entrance examinations, taking into account the results of undergraduate and internship training.

Residency training is carried out in accordance with the requirements of such regulatory rules regarding the admission of residents as the "Rules for the Development of Educational Programs of the KMU "HSPH". Quality assessment at the institutional level is ensured by the Department of Methodology and Quality of Educational Programs, the Department of Strategic Development and the QMS.

The assessment of knowledge and skills is carried out based on the List of competencies of graduates of the specialty 7R01136 "Endocrinology adult, pediatric" and will be carried out through an independent examination of graduates of the NCIE residency. To implement the educational program,

the educational organization has an organizational structure in which the educational sector is represented by vice-rectors for academic and scientific, clinical activities, the Department of Science and Consulting, the Residency Department.

At the University, the assessment and monitoring of the EP is carried out in accordance with the regulation on the Academic Policy (29.08.2024), the Regulation on monitoring and evaluation of educational programs of KMU "HSPH" (29.08.2024), the Regulation on the educational program: development and updating (29.08.2024), (21.04.2023).

The Regulation on monitoring and evaluation of educational programs of KMU "HSPH" was developed by Protocol No.2 dated April 20, 2023 and approved by the Rector of KMU "HSPH" on April 21, 2023. structures: Residency Department; Department of Methodology and Quality of Educational Programs; Department of Strategic Development and QMS. The Director of the Department of Postgraduate Education took part in the development of the program and it was considered at a meeting of the Educational and Methodological Council of KMU "HSPH".

Residents and all interested parties involved in the implementation of the EP are informed about the program by posting it on the official website of the University - <https://ksph.edu.kz/> and is presented in 3 languages: Kazakh, Russian and English.

8.2 Academic Leadership

In accordance with the organizational structure of KMU "HSPH", the educational process of the residency is supervised by the vice-rector for clinical activities, who reports to the residency department (Business process DR).

Employees of the clinical departments are members of professional societies, accredited by independent experts, participate in visiting medical and health-improving republican programs, in visiting medical and health-improving teams, in the development of standards and protocols for diagnosis and treatment, participate in the work of specialized and permanent commissions of healthcare organizations and local authorized bodies.

The duties and powers of LLP KMU "HSPH" in relation to educational programs in specialties are regulated by the current legislation of the Republic of Kazakhstan and internal regulatory documents.

Additionally, LLP KMU "HSPH" has developed and approved regulations on structural divisions with the definition of their main goals and objectives, functions, rights and obligations. Based on the provisions, job descriptions for all employees of LLP KMU "HSPH" were developed, agreed upon and approved, indicating qualification requirements, job responsibilities, rights and responsibilities.

Transparency of management and decision-making in the educational process is ensured by involving residents in the process of assessing the academic leadership (Divisions, heads of departments, teachers) by expressing their opinions and wishes at the end of the course of study or mastering a specific discipline or by surveying to identify opinions and taking into account comments and suggestions.

The educational organization assesses the management of the educational process and employees in relation to achieving the mission of the residency program, the expected final learning outcomes by conducting feedback with residents and teachers (see Section 7.2 of the report).

The university conducts an internal audit of the QMS on an ongoing basis to check the activities of departments and structural divisions, the purpose of which is to assess the compliance of their work with established standards and quality requirements, for which the following documents have been developed: Documented procedure "Analysis by management", "Internal audit plan-schedule", Documented procedure "Risk management", Documented procedure "Audits".

To the survey question "Do the organization's managers listen to your opinion regarding issues related to the educational process, research, and clinical work?", 78.3% of teachers answered that they do so systematically, and 13.5% answered "sometimes." To the survey question "Do you think that this survey is useful for developing recommendations for improving the key areas of your

organization's activities?", 83.8% of teachers answered that they agree, and 16.2% answered "sometimes."

8.3 Training Budget and Resource Allocation

The unit responsible for planning and distributing finances in the residency programs is the Department of Economics and Finance headed by the Commercial Director. The scope of duties, responsibilities and powers are reflected in the "Regulations of the Department of Economics and Finance" and "Job description of the chief accountant of the Department of Economics and Finance", "Job description of the leading accountant of the Department of Economics and Finance", approved on October 7, 2022.

The forecasts for the next 4 years provide for a stable growth in the revenue side of the budget and uninterrupted financing of activities for the development of LLP KMU "HSPH". For 2024, funds are provided for the development of the material and technical resources: acquisition of fixed assets (38,400.0 thousand tenge), educational literature and intangible assets (29,735.3 thousand tenge), acquisition of materials (25,600.0 thousand tenge), for major and current repairs (29,000.0 thousand tenge). It is also planned to build a new turnkey building for a total cost of 1,080,000.0 thousand tenge. The financial plan is in line with the strategic plan for the period 2020-2025.

The expenses of the University for the expansion of the material, scientific, educational and laboratory base (educational premises, furniture, computer equipment, laboratory equipment, library and information resources, software) have increased 3 times over the past 5 years (4242.0 to 13714.4).

The share of funding for residency programs, taking into account the expansion of residency specialties, cannot currently be determined in dynamics, since only the EP has been operating for 4 months. During a meeting with employees of the financial sector, experts found out that the KMU "HSPH" plans the budget according to the applications received from the departments, the need for ensuring the educational process is formed and a decision is made on the provision system (purchase).

During a meeting with employees of the financial sector, Commercial Director F.A. Kadirbekova, experts found out that the largest expenses are for paying salaries to employees. In the structure of expenses, the largest share is occupied by expenses for paying salaries to employees under the "Residency" program - 80,321.8 thousand tenge. The salary fund for the "Residency" program is 80,321.8 thousand tenge, the scholarship fund is 1,477.5 thousand tenge for 4 months of 2024. *During a meeting with residents, it was announced that the university, in order to motivate and support residents, reimburses the cost of cellular communications to 88 residents and for 4 months of 2024, this amounted to 1,056.0 thousand tenge.*

LLP KMU "HSPH" operates according to international financial reporting standards (IFRS), in accordance with the Law of the Republic of Kazakhstan dated February 28, 2007 under No.234 - 111 "On accounting and financial reporting".

A financial report is submitted annually, which is approved by the Rector of the University and demonstrates, among other things, the distribution of educational resources in accordance with needs and the coverage of all types of expenses (salaries of teaching staff, administrative and management staff, renewal, expansion of the material, scientific, clinical, educational base, expenses for advanced training of teaching staff, administrative and management staff and Internet communications, program administration, maintenance and servicing of educational premises and adjacent territory, renewal, expansion, operation of infrastructure and other expenses) for the implementation and development of the residency program.

8.4 Administration and Management

KMU "HSPH" has the appropriate administrative staff and a contingent of teachers. The academic leaders are the heads of the vice-rectorate for academic, scientific and clinical activities) and structural divisions responsible for making decisions on academic issues.

The management structure of the university involves the effective implementation of the educational program, effective management, and timely provision of the necessary educational resources.

The experts found that the quality management system includes regular internal and external audits, including those that support the residency program processes. The Department of Strategic Development and the QMS are responsible for the implementation and monitoring of the QMS. The teachers are aware of the QMS, which is confirmed during their interviews. The university conducts an internal audit of the QMS on an ongoing basis to check the activities of departments and structural divisions, the purpose of which is to assess the compliance of their work with established standards and quality requirements. The internal audit of LLP KMU "HSPH" is carried out based on the order No.130-N dated September 06, 2024 "On conducting an internal audit". The main documents of the QMS are the following: Regulation on monitoring and evaluation of educational programs of the KMU "HSPH" dated August 29, 2024, Plan-schedule of internal audits, DP Audits, Management analysis, DP Risk management. In addition, an ongoing analysis of risks related to the changes in the internal and external environments is carried out, which allows for timely adaptation of the quality policy and QMS processes.

Evaluation of the administration and management of the educational process as a whole and the educational program of residency in the specialty 7R01136 "Endocrinology adult, pediatric" is carried out by reviewing and approving these programs at a departmental meeting, meetings of the Educational and Methodological Council and the Academic Council of the KMU "HSPH", which is confirmed by the minutes of meetings at the relevant levels. Departments/courses are also given freedom to change and supplement the program, which also allows the university to make appropriate adjustments to the EP.

8.5 Requirements and regulations

The educational organization complies with the recommendations of national authorized bodies, including the Ministry of Science and Higher Education of the Republic of Kazakhstan and the Ministry of Healthcare of the Republic of Kazakhstan. Thus, in accordance with the classifier of residency specialties (On approval of the Classifier of areas of training personnel with higher and postgraduate education, Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No.569), the choice of residency specialty is regulated in accordance with the Code of the Republic of Kazakhstan dated July 7, 2020 under No.360-VI LRK "On Public Health and the Healthcare System", the order of the Minister of Healthcare of the Republic of Kazakhstan dated December 15, 2020 under No.KR DSM-270/2020 "On approval of the rules for placing a state order, admission to study and training of medical personnel in residency" <https://adilet.zan.kz/rus/docs/V2000021802>, the order of the Minister of Healthcare of the Republic of Kazakhstan dated May 25, 2021 under No.KR DSM - 43 "On approval of the list of medical specialties of residency programs" <https://adilet.zan.kz/rus/docs/V2100022844>. The rules for admission to residency, the Academic Policy are developed in accordance with the Code of the Republic of Kazakhstan dated July 7, 2020 under No.360-VI LRK "On public health and the healthcare system", the order of the Minister of Healthcare of the Republic of Kazakhstan dated December 15, 2020 under No.KR DSM-270/2020 "On approval of the rules for placing a state order, admission to study and training of medical personnel in residency" <https://adilet.zan.kz/rus/docs/V2000021802>, the Concept for the Development of Higher Education and Science in the Republic of Kazakhstan for 2023-2029 <https://adilet.zan.kz/rus/docs/P2300000248>.

In order to ensure the connection of the educational program with the needs of the healthcare system of the Republic of Kazakhstan, KMU "HSPH" maintains constant and effective communication with practical healthcare organizations and employers, for which purpose the Employers' Council functions. Information on the activities of the Employers' Council, provided by the university administration, confirms that the Council is an effective mechanism for ensuring the compliance of educational programs with the needs of practical healthcare. In general, it can be noted that KMU "HSPH" has created conditions for effective interaction with employers and taking into account their needs in the development and implementation of educational programs for residency.

Conclusions of the EEC on criteria. Compliant out of 11 standards (including 8 basic, 3 improvement standards): fully - 11, partially - 0, do not comply - 0.

Standard 9: CONTINUOUS IMPROVEMENT

Resources are monitored annually for continuous improvement. The library stock is provided with basic and additional literature in three languages (Kazakh, Russian, English). Residents have a good opportunity to work in various information resources of the library and publishing center. The university library provides access to modern information resources (physician consultant, student consultant, Wiley), including electronic databases such as Scopus and Cochrane Library. These resources provide residents with up-to-date information on the latest research, clinical guidelines and the latest treatment methods, which contributes to their professional development.

Residents have full access to the Internet on the territory of the university. At clinical sites, to access the Internet, the organization pays a monthly fee required to work in information systems.

The processes of updating and improving the EP, clinical competencies, methods of assessing residents are reflected in the Academic Policy of the university, on the basis of which the Regulation on Residency was developed.

In order to achieve a certain level in the process of training in the specialty "Endocrinology adult, pediatric", a midterm certification of residents is introduced in the form of portfolio defense at the end of the academic year, an annual updating of syllabuses and CME is planned.

The educational organization annually allocates resources for continuous improvement. In 2024, it is planned to purchase fixed assets (38,400.0 thousand tenge), educational literature and intangible assets (29,735.3 thousand tenge), purchase materials (25,600.0 thousand tenge), and carry out major and current repairs (29,000.0 thousand tenge). It is also planned to build a new turnkey building for a total cost of 1,080,000.0 thousand tenge.

One of the most important aspects identified during the self-assessment is the compliance of the program curriculum with modern requirements and standards of endocrinology education. The program covers fundamental and applied disciplines that provide deep knowledge in the field of anatomy, physiology and pathophysiology of the endocrine system, and develop skills in clinical thinking and diagnostics. Residents in the specialty "Endocrinology adult, pediatric" actively master both traditional and innovative methods of diagnosis and treatment, including the use of modern technologies, such as insulin pumps, continuous glucose monitoring systems, as well as functional diagnostic methods, such as ECG, CT, MRI and ultrasound.

For the purposeful improvement of the educational process in residency, the following structures have been created: Residency Department; Department of Methodology and Quality of Educational Programs; Department of Strategic Development and QMS. An internal audit of the QMS is carried out on an ongoing basis to check the activities of departments and structural divisions, the purpose of which is to assess the compliance of their work with established standards and quality requirements.

A Regulation on monitoring and evaluation of educational programs has been developed and a Plan-Schedule of internal audits has been implemented; the audit criteria are presented in detail, where all interested departments and divisions including the HR department and the legal department participate.

Thus, continuous improvement of the educational process in residency in the specialty 7R01136 "Endocrinology adult, pediatric" helps to modernize the EP and graduate well-trained specialists who are in demand in various regions of the Republic of Kazakhstan..

Conclusions of the EEC by criteria. Comply out of 2 standards (including 1 basic, 1 improvement standard): fully - 2, partially - 0, do not comply - 0.

CONCLUSION: During the external evaluation of the educational program, it was established that out of 114 standards (including 82 basic standards and 32 improvement standards), 110 accreditation standards demonstrate full compliance, including 80 basic standards and 30 improvement standards. 2 basic standards and 2 improvement standards are partially fulfilled. No non-compliance with the standards was found.

Considering that the primary accreditation of the educational program in the specialty 7R01136 "Endocrinology adult, pediatric" is being carried out and new admission of residents is planned for 2025, in compliance with the requirements of the Law on Education of the Republic of Kazakhstan, the educational organization initiated specialized (program) accreditation without a contingent of residents. Therefore, the tasks of the external expert commission included assessing the university's readiness to admit residents, studying the existing principles and approaches to training residents, quality assurance mechanisms and management of the residency educational program using the example of other educational programs. However, the EEC specifically examined the organization of training in the specialty 7R01136 "Endocrinology adult, pediatric", including documentation, teaching staff, educational resources and other important issues related to compliance with accreditation standards.

The EEC concluded that, along with the achievements in the training of residents, including the expected results of training in the accredited educational program "Endocrinology adult, pediatric", there are a number of recommendations that the university must implement within the 1-2 quarters of 2025.

5. Recommendations for improving the educational program 7R01136 "Endocrinology adult, pediatric":

- 1) To introduce scientific foundations and methodology of medical research into the educational program (standard 2.2.1).
- 2) In the organizational structure of the university, to determine a division or person responsible for implementing activities on career planning, employment and monitoring of graduates of residency programs (standard 4.3.3).
- 3) To expand the representativeness of residents in advisory bodies (standard 4.4.1)
- 4) To train clinical mentors on an ongoing basis in pedagogical competencies (standard 5.2.2).






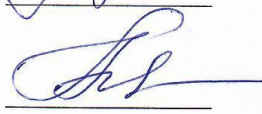



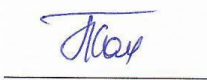


6. Recommendation to the ECAQA Accreditation Council

The members of the EEC came to a unanimous opinion to recommend that Accreditation Council accredit the educational program **7R01136 "Endocrinology adult, pediatric" of LLL "Kazakhstan Medical University "HSPH"** for a period of 5 years.

EEC Chairperson	KUDABAYEVA KHATIMYA ILIYASOVNA
International expert	SHEPPLI YELENA VLADIMIROVNA
Academic expert	ZHUMALINA AKMARAL KANASHEVNA
Academic expert	BOZHBANBAYEVA NISHANGUL SEITBEKOVNA
Academic expert	BAGIYAROVA FATIMA ARYSTANOVNA
Academic expert	AKHMETOVA ALMIRA KALIKAPASOVNA
Academic expert	KARIBAYEVA DINA ORYNBASAROVNA
Academic expert	ZHAKENOVA SAIRA SAKHIPKEREYEVNA
Academic expert	KABILDINA NAILYA AMIRBEKOVNA
Academic expert	ZHANASPAYEVA GALIYA AMANGAZIYEVNA
Expert-employer	KUNAYEVA GULBANU DZHANABAYEVNA
Expert-resident	BEKENOVA ASEMKUL BERIKOVNA

6. Рекомендация Аккредитационному совету ЕЦА

Члены ВЭК пришли к единогласному мнению рекомендовать Аккредитационному совету аккредитовать образовательную программу **7R01136 «Эндокринология взрослая, детская» ТОО Казахстанский медицинский университет «ВШОЗ»** на период 5 лет.

Председатель ВЭК	КУДАБАЕВА ХАТИМЯ ИЛЬЯСОВНА	
Международный эксперт	ШЕПЛИ ЕЛЕНА ВЛАДИМИРОВНА	
Академический эксперт	ЖУМАЛИНА АКМАРАЛ КАНАШЕВНА	
Академический эксперт	БОЖБАНБАЕВА НИШАНГУЛЬ СЕЙТБЕКОВНА	
Академический эксперт	БАГИЯРОВА ФАТИМА АРЫСТАНОВНА	
Академический эксперт	АХМЕТОВА АЛЬМИРА КАЛИКАПАСОВНА	
Академический эксперт	КАРИБАЕВА ДИНА ОРЫНБАСАРОВНА	
Академический эксперт	ЖАКЕНОВА САЙРА САХИПКЕРЕЕВНА	
Академический эксперт	КАБИЛДИНА НАЙЛЯ АМИРБЕКОВНА	
Академический эксперт	ЖАНАСПАЕВА ГАЛИЯ АМАНГАЗИЕВНА	
Эксперт-работодатель	КУНАЕВА ГУЛЬБАНУ ДЖАНАБАЕВНА	
Эксперт- резидент	БЕКЕНОВА АСЕМКУЛ БЕРИКОВНА	

Профиль качества и критерии внешней оценки образовательной программы (обобщение)

Стандарт	Критерии оценки	Количество стандартов	БС*/СУ	Оценка		
				Полностью соответствует	Частично соответствует	Не соответствует
1.	МИССИЯ И КОНЕЧНЫЕ РЕЗУЛЬТАТЫ	14	9/5	9/5		
2.	ОБРАЗОВАТЕЛЬНАЯ ПРОГРАММА	22	19/3	19/2	1	
3.	ОЦЕНКА РЕЗИДЕНТОВ	9	6/3	6/3		
4.	РЕЗИДЕНТЫ	20	14/6	13/5	2	
5.	АКАДЕМИЧЕСКИЙ ШТАТ/ПРЕПОДАВАТЕЛИ	8	7/1	6/1	1	
6.	ОБРАЗОВАТЕЛЬНЫЕ РЕСУРСЫ	18	11/7	11/7		
7.	ОЦЕНКА ОБРАЗОВАТЕЛЬНОЙ ПРОГРАММЫ	10	7/3	7/3		
8.	УПРАВЛЕНИЕ И АДМИНИСТРИРОВАНИЕ	11	8/3	8/3		
9.	НЕПРЕРЫВНОЕ УЛУЧШЕНИЕ	2	1/1	1/1		
		114	82/32	80/30	110	

Список документов, изученных членами ВЭК в рамках проведения внешней оценки образовательной программы резидентуры

№	Наименование документов	Дата утверждения
1	Правила разработки образовательных программ ТОО Казахстанский медицинский университет «ВШОЗ»	06.02.2023
2	Правила приема в резидентуру	29.08.2024
3	Положение о резидентуре	29.08.2024
4	Положение об организации системы оплаты и стимулирования труда ТОО «Казахстанский медицинский университет «ВШОЗ»	02.02.2023
5	Положение об академической мобильности Обучающихся кму «ВШОЗ»	29.08.2024
6	Положение о приемной комиссии казахстанского медицинского университета «ВШОЗ»	29.08.2024
7	Положение о педагогической нагрузке ппс кму «ВШОЗ»	29.08.2024
8	Положение о мониторинге и оценке образовательных программ ТОО казахстанского медицинского университета «ВШОЗ»	29.08.2024
9	Положение о мониторинге и оценке образовательных программ ТОО казахстанского медицинского университета «ВШОЗ»	21.04.2023
10	Положение о клиническом наставничестве	29.08.2024
11	Положение о докторантуре	29.08.2024
12	Положение департамента магистратуры и докторантуры	02.09.2024
13	Нормы времени для расчета объема учебной нагрузки, выполняемой профессорско-преподавательским составом Кму «ВШОЗ» на 2024-2025 учебный год	29.08.2024
14	Карта бизнес-процесса Департамент резидентуры	31.10.2024
15	Анализ удовлетворенности работодателей выпускниками ТОО «Казахстанский медицинский университет «ВШОЗ» за 2023 год	25.12.2023
16	Академическая политика ТОО «Казахстанский медицинский университет «ВШОЗ»	29.08.2024
17	Положение образовательная программа: разработка и обновление	29.08.2024
18	Стратегический план ТОО «Казахстанский медицинский университет «ВШОЗ» на 2020-2025 годы	27.02.2020
19	План-график проведения внутренних аудитов на 2024 год	16.09.2024
20	Документированная процедура Управлениерисками	31.10.2022
21	Документированная процедура аудиты	31.10.2022
22	Документированная процедура анализ со стороны руководства	31.10.2022
23	Анализ удовлетворенности резидентов ТОО «Казахстанский медицинский университет «ВШОЗ» качеством образовательны х услуг на конец 2024 года	06.12.2024
24	Анализ удовлетворенности работодателей выпускникам ТОО «Казахстанский медицинский университет «ВШОЗ» за 2024 год	30.12.2024
25	Положение департамента экономики и финансов	
26	Должностная инструкция главный бухгалтер департамента экономики и финансов	07.10.2022

27	Должностная инструкция ведущий бухгалтер департамента экономики и финансов	07.10.2022
28	Положение о системе ключевых показателей эффективности ТОО «Казахстанский медицинский университет «ВШОЗ»	06.09.2024
29	Положение департамента международной деятельности	07.10.2022